REFERENCES

A. Journal and Books

Aalsadie D. (2022), “Task Scheduling in Fog Computing – Classification, Review, Challenges and Future Directions” IJCSNS International Journal of Computer Science and Network Security, VOL.22 No.4, pp. 89-96.

Aazam M., & Huh E.N. (2015), “Dynamic resource provisioning through Fog micro datacenter. Pervasive Computing and Communication Workshops (PerCom Workshops)”, IEEE, 2015, pp. 105-110.

Aazam M., & Huh E.N. (2015), “Fog computing micro datacentre based dynamic resource estimation and pricing model for IoT. In Advanced Information Networking and Applications (AINA)”, IEEE 29th International Conference, 2015, pp. 687-694.

Abdul-Qawy A., Magesh E., &Tadisetty S. (2015), “The IoT: An Overview”, A S Abdul-Qawy et al. Int. Journal of Engineering Research and Applications ISSN: 2248-9622, Vol. 5, Issue 12, (Part - 2) December 2015, pp.71-82.

Abohamama A.S., El-Ghamry A., & Hamouda E. (2016), “Real-Time Task Scheduling Algorithm for IoT-Based Applications in the Cloud–Fog Environment”, J NetwSyst Manage, pp. 30-54.

Abomhara M., Koien G.M. (2014), “Security and privacy in the IoT: Current status and open issues. In Privacy and Security in Mobile Systems (PRISMS)”, International Conference on. IEEE, pp. 1–8.

Adel A. (2020), “Utilizing technologies of fog computing in educational IoT systems: privacy, security, and agility perspective”, J Big Data, 7, 99. doi:10.1186/s40537-020-00372., 2020, pp. 37-72.

Ahmed, A., Arkian, H., Battulga, D., Fahs, A., Farhadi, M., Giouroukis, D., & Wu, L. (2019), “Fog Computing Applications: Taxonomy and Requirements”, pp.1-4.

Aimal Khan, Assad Abbas, Hasan Ali Khattak, Faisal Rehman, Ikram Ud Din, Sikandar Ali. (2022), "Effective Task Scheduling in Critical Fog Applications", Scientific Programming, vol. 2022, Article ID 9208066, pp. 1-15.

Alavi, A., Jiao, P., Buttlar, W., & Lajnef, N. (2018), “IoT-enabled smart cities: State-of-the-art and future trends”. Measurement, pp.129.

Alizadeh M., Khajehvand V., Rahmani A., & Akbari E. (2020), “Task scheduling approaches in fog computing: A systematic review”, International Journal of Communication Systems 33, pp. 45-83.

Aljumah, A., &Ahanger, T. A. (2018), “Fog computing and security issues: A review. In Proceedings of the 2018 7th International Conference on Computers Communications and Control (ICCCC)”, Oradea, Romania, 8–12 May 2018, pp. 237–239.

Alrawais, A., Alhothaily, A., Hu, C., & Cheng, X. (2017), “Fog computing for the IoT: Security and privacy issues”. IEEE Internet Comput., 21(6), pp. 34–42.

Alsmadi A.M., Aloglah R.M.A., Abu-darwish N.J.S., Al Smadi A., Alshabanah M., Alkhaldi H., Alsmadi M.K. (2021), “International Journal of Electrical and Computer Engineering (IJECE)”, Vol. 11, No. 3, June 2021, pp. 2219~2228. ISSN: 2088-8708, DOI: 10.11591/ijece.v11i3, pp. 2219-2228.

Alturki, B., Reif-Marganiec, S., Perera, C., & De, S. (2019), “Exploring the Effectiveness of Service Decomposition in Fog Computing Architecture for the IoT”.1904.00381, pp.10-12.

Ansari D.B. (2018), Atteeq-Ur-Rehman, and R. A. Mughal, “Internet of Things (IoT) protocols: A brief exploration of MQTT and CoAP”, International Journal of Computer Applications, vol. 179, no. 27, pp. 9–14.

Atlam, H., Walters, R., & Wills, G. (2018), “Fog Computing and the IoT: A Review”. Big Data and Cognitive Computing, 2(2), pp.1-10.

Attar, A. H., & Sutagundar, A. (2018), “A survey on resource management for fog-enhanced services and applications”. Int. J. Sci. Res., 17(2), p.138.

Badidi, E., &Ragmani, A. (2020), “An Architecture for QoS-Aware Fog Service Provisioning”. Procedia Comput. Sci., 170, pp.411–418.

Bandyopadhyay, D., & Sen, J. (2011), “IoT: Applications and challenges in technology and standardization”. Wireless Personal Communications, 58, pp.49–69.

Baniata, H., & Kertesz, A. (2020), “A survey on blockchain-fog integration approaches”. IEEE Access, 8, 102657–102668, pp.25-27.

Baouya, A., Chehida, S., Bensalem, S., &Bozga, M. (2020), “Fog Computing and Blockchain for Massive IoT Deployment”. In 2020 9th Mediterranean Conf. on Embedded Computing (MECO), pp.1-2.

Bellavista, P., Berrocal, J., Corradi, A., Das, S., Foschini, L., & Zanni, A. (2019), “A survey on fog computing for the IoT”. Pervasive Mob. Comput., 52, pp. 71–99.

Berlin, (2018), “A Research Perspective on Fog Computing”, Springer International Publishing AG, part of Springer Nature 2018L. Braubach et al. (Eds.): ICSOC Workshops 2017, LNCS 10797, pp. 198–210.

Berman, F., Cabrera, E., Jebari, A., & Marrakchi, W. (2022), “The impact universe – a framework for prioritizing the public interest in the IoT”. Patterns, 3(1), 100398. pp. 1–8.

Bitam S., Zeadally S., Mellouk A. (2018), “Fog computing job scheduling optimization based on bees swarm”, Enterpr. Inform. Syst., https://www.tandfonline.com/doi/full/10.1080/17517575.2017.1304579, Vol. 12, pp. 373-397.

Bonomi, F., Milito, R., Zhu, J., Addepalli, S. “Fog computing and its role in the internet of things”, In Proceedings of the first edition of the MCC workshop on Mobile cloud computing, ACM (2012), pp. 13–16.

Borodin, V. A. (2014), “IoT– the next stage of the digital revolution”. Educational Resources and Technologies, 2(5), pp.4-5.

Bosman, R., Lukkien, J., & Verhoeven, R. (2011), “Gateway architectures for service-oriented application-level gateways”. IEEE Trans. on Consumer Electronics, 57(2), pp. 453–461.

Bourque, P., & Fairley, R. (Eds.). (2014), SWEBOK: “Guide to the Software Engineering Body of Knowledge (3.0 ed.)”. IEEE Computer Society, Los Alamitos, pp. 1-2.

Bubnova, M. Yu., & Kryukova, A. A. (2014), “Social client-oriented technologies in the activities of modern companies”. Economics and Society, 3(4), pp. 65–67.

Butun, I., Sari, A., & ÃŰsterberg, P. (2019), “Security Implications of Fog Computing on the IoT”. In 2019 IEEE International Conference on Consumer Electronics (ICCE), pp. 1-10.

Chen S., Xu H., Liu D., Hu B., Wang H. (2014), “A vision of IOT: Applications, challenges, and opportunities with China perspective”. IEEE IoTjournal, vol. 1, no. 4, pp. 349–359.

Chiang, M., & Zhang, T. (2016), “Fog and IoT: An overview of research opportunities”. IEEE Internet Things J., 3, pp. 854–864.

CIW Team. (2023), “China’s IoT spending to reach US$298 billion by 2026”. Retrieved from https://www.chinainternetwatch.com/31628/iot-market-trends, pp. 2–8.

DeMedeiros, K., Hendawi, A., & Alvarez, M. (2023), “A survey of AI-based anomaly detection in IoT and sensor networks. Sensors”, 23, pp. 1352.

Din, I. U., Guizani, M., Kim, B. S., Hassan, S., & Khan, M. K. (2018), “Trust management techniques for the IoT: A survey”. IEEE Access, 7, pp. 29763–29787.

Dubravac, S., & Ratti, C. (2015), IoT: Evolution or revolution? Part 1 of the IoT report series. pp. 8–9.

Edemacu, K., &Bulega, T. (2014), “Resource sharing between M2M and H2H traffic under time-controlled scheduling scheme in LTE networks”. In: 2014 8th International Conference on Telecommunication Systems Services and Applications (TSSA), pp. 1–6.

El Alami, Hassan & Sidna, Jeddou & Baina, Amine & Najid, Abdellah. (2020), "Analysis and evaluation of communication Protocols for IoT Applications". IEEE Transactions on Industrial Informatics, 7(4), pp. 630–640.

Ema, R. R., Islam, T., & Ahmed, M. H. (2019), "Suitability of Using Fog Computing Alongside Cloud Computing". In Proceedings of the 2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT), Kanpur, India, 6–8 July 2019, pp. 1–4.

Gandotra, P., & Lall, B. (2020), "Evolving Air Pollution Monitoring Systems for Green 5G: From Cloud to Edge. In Proceedings of the 2020 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Noida, India, 4–5 June 2020, pp. 1231–1235.

Ghobaei-Arani M., Souri A., Safara F., Norouzi M. (2020), "An efficient task scheduling approach using moth-flame optimization algorithm for cyber-physical system applications in fog computing", Trans. Emerg. Telecommunication. Technol., Vol. 31, pp. 37-70.

Giordano, A., Spezzano, G., Vinci, A. (2016), "Smart Agents and Fog Computing for Smart City Applications." In: Alba, E., Chicano, F., Luque, G. (eds) Smart Cities. Smart-CT 2016. Lecture Notes in Computer Science (), vol 9704. Springer, Cham, pp. 1-14.

González-Martínez, J. A., Bote-Lorenzo, M. L., Gómez-Sánchez, E., & Cano-Parra, R. (2015), "Cloud computing and education: A state-of-the-art survey". Comput. Educ., 80, pp. 132–151.

Gu, Lin, Z. Deze, G. Song, B. Ahmed, and X. Yong. (2015), "Cost-efficient resource management in fog computing supported medical cps", IEEE Transactions on Emerging Topics in Computing, 2015, pp. 1-12.

Guinard, D., Trifa, V., Karnouskos, S., Spiess, P., & Savio, D. (2010), "Interacting with the SOA-based IoT: Discovery, query, selection, and on-demand provisioning of web services". IEEE Transactions on Services Computing, 3(3), pp. 223–235.

Gupta H., Dastjerdi A. V., Ghosh S. K., & Buyya R. (2016), "Ifogsim: A toolkit for modeling and simulation of resource management techniques in the internet of things, edge, and fog computing environments", CoRR, abs/1606.02007, pp.23-45.

Guzuyeva, E. R. (2018), "Application of information technology in large and small businesses. In Proceedings of the IV International Correspondence Scientific and Practical Conference." AIP Publishing, pp. 226–230.

Hakan (2023), "Bibliometric analysis and scientific mapping of IoT", https://www.researchgate.net/publication/367286890_Bibliometric_Analysis_and_Scientific_Mapping_of_IoT,Journal of Computer Information Systems, pp. 1–8.

Hamdoun, S., Rachedi, A., & Ghamri-Doudane, Y. (2015), “Radio resource sharing for MTC in LTE-A: An interference-aware bipartite graph approach”, In: 2015 IEEE Global Communications Conference (GLOBECOM) IEEE., pp. 1–7.

Hassan Z., Ali H., Badawy M. (2015), “IoT: Definitions, Challenges, and Recent Research Directions”, International Journal of Computer Applications, Vol. 128, pp. 975-987.

Heck, M., Edinger, J., Schaefer, D., & Becker, C. (2018), “IoT Applications in Fog and Edge Computing: Where Are We and Where Are We Going?”. In Proceedings of the 2018 27th International Conference on Computer Communication and Networks (ICCCN), Hangzhou, China, 30 July–2 August 2018, pp. 1–6.

Heer T., Garcia-Morchon O., Hummen R., Keoh SL., Kumar S.S., Wehrle K. (2011), “Security challenges in the IP based IoT”, Wirel Pers Commun, 61(3), pp. 527–542.

Henze, M., Matzutt, R., Hiller, J., Erik, M., Ziegeldorf, J. H., van der Giet, J., & Wehrle, K. (2020), “Complying with Data Handling Requirements in Cloud Storage Systems”, IEEE Trans. Cloud Computing., pp. 1-10.

Hoang, D., & Dang, T. D. (2017), “FBRC: Optimization of task scheduling in fog-based region and cloud”. In: 2017 IEEE Trustcom/ BigDataSE /ICESS, pp. 1109–1114. IEEE.

Huang, Q., Yang, Y., & Wang, L. (2017), “Secure data access control with ciphertext update and computation outsourcing in fog computing for the IoT”. IEEE Access, 5, pp. 12941–12950.

Huttunen, J., Jauhiainen, J., Lehti, L., Nylund, A., Martikainen, M., & Lehner, O. (2019), “Big data, cloud computing and data science applications in finance and accounting”. ACRN Oxf. J. Financ. Risk Perspect., 8, pp. 16–30.

Jamil B., Ijaz H., Shojafar M., Munir K., &Buyya R. (2022), “Resource Allocation and Task Scheduling in Fog Computing and Internet of Everything Environments: A Taxonomy, Review, and Future Directions. ACM Computing Surveys”, pp. 1-35.

Jia, B., Hu, H., Zeng, Y., Xu, T., & Yang, Y. (2018), “Double-matching resource allocation strategy in fog computing networks based on cost efficiency”. J. Commun. Netw., 20(3), pp. 237–246.

Katal A, Sethi V, Lamba S, and Choudhury T (2016), “Fog computing: Issues, challenges, and tools Advances in Intelligent Systems and Computing”, pp. 971–982.

Kaur, J., Agrawal, A., & Khan, R. A. (2020), “Security Issues in Fog Environment: A Systematic Literature Review”. Int. J. Wirel. Inf. Netw., 27, pp. 467–483.

Khan, S., Parkinson, S., & Qin, Y. (2017), “Fog computing security: A review of current applications and security solutions”. J. Cloud Computing., 6, pp. 1–22.

Kimovski, D., Ijaz, H., Saurabh, N., & Prodan, R. (2018), “Adaptive nature-inspired fog architecture”. In: 2018 IEEE 2nd International Conference on Fog and Edge Computing (ICFEC), pp. 1–8. IEEE.

Kopras, B., Idzikowski, F., Bossy, B., Kryszkiewicz, P., & Bogucka, H. (2023). “Communication and Computing Task Allocation for Energy-Efficient”. Fog Networks. Sensors, 23, pp. 997.

Kumari A. Dr., Tanwar S., Tyagi S., Kumar N., Rodrigues J. (2019), “Fog Computing for Smart Grid Systems in 5G Environment: Challenges and Solutions. IEEE Wireless Communications”, pp. 1–8.

Lai K.L., Chen J. (2021), “Development of Smart Cities with Fog Computing and IoT”, Journal of Ubiquitous Computing and Communication Technologies, 3, pp. 52-60.

Lata M., Kumar V. (2022), “Fog Computing Infrastructure for Smart City Applications”, Recent Advancements in ICT Infrastructure and Applications, pp.119–133.

Li, H., Shou, G., Hu, Y., & Guo, Z. (2016), “Mobile edge computing: Progress and challenges”. In Proceedings of the 2016 4th IEEE International Conference on Mobile Cloud Computing, Services, and Engineering (Mobile Cloud), Oxford, UK, 29 March–1 April 2016, pp. 83–84.

Li, Q., Zhao, J., Gong, Y., & Zhang, Q. (2019), “Energy-efficient computation offloading and resource allocation in fog computing for the internet of everything”. China Common., 16(3), pp. 32–41.

Liu, L., Qi, D., Zhou, N., & Wu, Y. (2018), “A task scheduling algorithm based on classification mining in fog computing environment”. Wirel. Commun. Mobile Compute., 2018, pp. 1-100.

Liu, Z., Yang, X., Yang, Y., Wang, K., & Mao, G. (2018), DATS: “Dispersive stable task scheduling in heterogeneous fog networks”. IEEE Internet Things J., 6(2), pp. 3423–3436.

Macarulla, Marcel & Albano, Michele & Ferreira, Luis & Teixeira, César (2016), “Lessons Learned in Building a Middleware for Smart Grids. Journal of Green Engineering”. 6. 1-26. 10.13052/jge1904-4720.611. IEEE Access, 6, 23626–23638, pp. 4-19.

Mao, Y., You, C., Zhang, J., Huang, K., &Letaief, K. B. (2017), “A survey on mobile edge computing: The communication perspective”. IEEE Common. Surv. Tutor., 19, pp. 2322–2358.

Marbukh, V. (2019), “Towards Fog Network Utility Maximization (FoNUM) for Managing Fog Computing Resources”. In Proceedings of the 2019 IEEE International Conference on Fog Computing (ICFC), Prague, Czech Republic, 24–26 June 2019, pp. 195–200.

Matrouk K., Alatoun K. (2021), “Scheduling Algorithms in Fog Computing: A Survey”. International Journal of Networked and Distributed Computing”, Volume 9, Issue 1, January 2021, pp. 59 – 74.

Mebrek, A., Merghem-Boulahia, L., &Esseghir, M. (2017), “Efficient green solution for a balanced energy consumption and delay in the IoT-Fog-Cloud computing”. In Proceedings of the 2017 IEEE 16th International Symposium on Network Computing and Applications (NCA), Cambridge, MA, USA, 30 October–1 November 2017, pp. 1–4.

Mohan, P., & Thangavel, R. (2013), “Resource selection in grid environment based on trust evaluation using feedback and performance”. Am. J. Appl. Sci., 10(8), pp. 924.

Naha, R. K., Garg, S., Georgakopoulos, D., Jayaraman, P. P., Gao, L., Xiang, Y., & Ranjan, R. (2018), “Fog computing: Survey of trends, architectures, requirements, and research directions”. IEEE Access, 6, pp. 47980–48009.

Ni, L., Zhang, J., Jiang, C., Yan, C., & Yu, K. (2017), “Resource allocation strategy in fog computing based on priced timed petri nets”. IEEE Internet Things J., 4(5), pp. 1216–1228.

Parikh, S., Dave, D., Patel, R., & Doshi, N. (2019), “Security and privacy issues in cloud, fog and edge computing”. Procedia Comput. Sci., 160, pp.734–739.

Pham, X. Q., Man, N. D., Tri, N. D. T., Thai, N. Q., & Huh, E. N. (2017), “A cost-and performance-effective approach for task scheduling based on collaboration between cloud and fog computing”. Int. J. Distrib. Sens. Netw., 13(11), 1550147717742073, pp. 10-18.

Prakash P., Darshaun K. G., Yaazhlene P., Medidhi V. G., & Vasudha B. (2017), “Fog Computing: Issues, Challenges, and Future Directions”, International Journal of Electrical and Computer Engineering (IJECE), 7(6), pp.3669-3673.

Prakash, M., & Ravichandran, T. (2012), “An efficient resource selection and binding model for job scheduling in grid”. Eur. J. Sci. Res., 81(4), pp. 450–458.

Priyadarshinee P. (2021), “Impact of Fog Computing on Indian Smart-Cities: An Empirical Study”, 10.21203, pp-12-33.

Qasem M., Abu srhan A., Natouryeh H., Alzaghoul E. (2020), “Fog Computing Framework for Smart City Design”, International Journal of Interactive Mobile Technologies (iJIM), 14, pp.109.

Rahmani A.M., Thanigaivelan N.K., Gia T.N., Granados J., Negash B., Liljeberg P., & Tenhunen H. (2020), “Smart e-health gateway: bringing intelligence to internet-of-things based ubiquitous healthcare systems”, In 12th Annual IEEE Consumer Communications and Networking Conference (CCNC), Jan 2015, pp. 826–834.

Ravi L. et al. (2016), “A Collaborative Location Based Travel Recommendation System through Enhanced Rating Prediction for the Group of Users”, Hindawi Publishing Corporation Computational Intelligence and Neuroscience, Vol 2016, pp. 1-11.

Ren, Y., Zhu, F., Qi, J., Wang, J., & Sangaiah, A. K. (2019), “Identity management and access control based on blockchain under edge computing for the industrial IoT”. Appl. Sci., 9, pp. 2058.

Sabireen H., Neelanarayanan V. (2021), “A Review on Fog Computing: Architecture, Fog with IoT, Algorithms and Research Challenges” ICT Express, Volume 7, Issue 2, pp. 162-176.

Saini M.K., Saini R.K. (2019), “IoT Applications and Security Challenges: A Review”, International Journal of Engineering Research & Technology (IJERT), Volume 7, Issue 12, pp. 1-5.

Sarkar, S., Chatterjee, S. (2015), “Assessment of the suitability of fog computing in the context of internet of things”, IEEE Transactions on Cloud Computing pp. 99.

Satyakam R., Rajni A. (2021), “Fog Computing Architecture, Application and Resource Allocation: A Review”, WCNC-2021: Workshop on Computer Networks & Communications, May 01, 2021, Chennai, India, pp. 31-36.

Savya S. (2021), “Scheduling in Fog Computing: A Survey. International Journal of Advanced Research in Science”, Communication and Technology (IJARSCT), Volume 1, Issue 2, pp. 154-157.

Sha, K., Yang, T. A., Wei, W., & Davari, S. (2020), “A survey of edge computing-based designs for IoT security”. Digit. Commun. Netw., 6, pp.195–202.

Shalini C., Mohana Y., and Devi S. (2019), “Fog Computing for Smart Cities”, Proceedings of the 2019 14th International Conference on Computer Engineering and Systems (ICCES), pp. 912-916.

Sheikh, M. S., Noor Enam, R., & Qureshi, R. I. (2023), “Machine learning-driven task scheduling with dynamic K-means based clustering algorithm using fuzzy logic in FOG environment”, Frontiers in Computer Science, 5, 1293209, pp. 1-15.

Skarlat O., Schulte S., Borkowski M., Leitner P. (2016), “Resource Provisioning for IoT Services in the Fog. In Service-Oriented Computing and Applications (SOCA)”, IEEE 9th International Conference, pp. 32-39.

Songhorabadi M., Rahimi M., Farid A. M., and Kashani M. H. (2020), "Fog Computing Approaches in Smart Cities: A State-of-the-Art Review" Computer Science Networking and Internet Architecture (cs.NI), Volume 2, pp. 1-19.

Stojmenovic, I., & Wen, S. (2014), "The fog computing paradigm: Scenarios and security issues". In Proceedings of the 2014 Federated Conference on Computer Science and Information Systems, Warsaw, Poland, 7–10 Sept. 2014, pp. 1–8.

Sun, Y., & Zhang, N. (2017), "A resource-sharing model based on a repeated game in fog computing". Saudi J. Biol. Sci., 24(3), pp. 687–694.

Syed, M. H., Fernandez, E. B., & Ilyas, M. (2016), "A pattern for fog computing". In Proceedings of the 10th Travelling Conference on Pattern Languages of Programs, Leerdam, The Netherlands, 7–10 April 2016, pp. 1–10.

Tao, Z., Xia, Q., Hao, Z., Li, C., Ma, L., Yi, S., & Li, Q. (2019), "A survey of virtual machine management in edge computing". Proc. IEEE, 107, pp.1482–1499.

Tzavaras, A., Mainas, N., & Petrakis, E. G. M. (2023), "OpenAPI framework for the Web of Things". IoT, 21, 100675, pp. 1–2.

Uckelmann, D., Harrison, M., &Michahelles, F. (2011), "An architectural approach towards the future IoT". In Architecting the IoT. pp. 10–12.

Wadhwa, H., & Aron, R. (2018), "Fog computing with the integration of IoT: Architecture, applications and future directions. Big Data & Cloud Computing, Social Computing & Networking, Sustainable Computing & Communications (ISPA/IUCC/BDCloud/SocialCom/SustainCom)", Melbourne, VIC, Australia, 11–13 December 2018, pp. 987–994.

Wagan, S. A., Koo, J., Siddiqui, I. F., Attique, M., Shin, D. R., & Qureshi, N. M. F. (2022), "Internet of medical things and trending converged technologies: A comprehensive review on real-time applications". Journal of King Saud University – Computer and Information Sciences, pp.1-100.

Wang J., Li D. (2019), "Task scheduling based on a hybrid heuristic algorithm for smart production line with fog computing", Sensors (Basel), Vol. 19, pp. 1023.

Wang, F., Ge, B., Zhang, L., Chen, Y., Xin, Y., & Li, X. (2013), "A system framework of security management in enterprise systems". Systems and Behavioral Research Science, 30(3), pp.287–299.

Wu, Y., Sheng, Q. Z., & Zeadally, S. (2013), "RFID: Opportunities and challenges. In Next-generation wireless technologies", Springer, pp. 105–129.

Xing, Y., Li, L., Bi, Z., Wilamowska-Korsak, M., & Zhang, L. (2013), "Operations research (OR) in service industries: A comprehensive review". Systems and Behavioral Research Science, 30(3), pp. 300–353.

Xu, L. (2011), "Enterprise systems: State-of-the-art and future trends". IEEE Transactions on Industrial Informatics, 7(4), pp. 630–640.

Yang, Y., Wang, K., Zhang, G., Chen, X., Luo, X., & Zhou, M. T. (2018), "MEETS: Maximal energy efficient task scheduling in homogeneous fog networks". IEEE Internet Things J., 5(5), pp. 4076–4087.

Yang, Y., Zhao, S., Zhang, W., Chen, Y., Luo, X., & Wang, J. (2018), "DEBTS: Delay energy balanced task scheduling in homogeneous fog networks". IEEE Internet Things J., 5(3), pp. 2094 –2106.

Yi, S., Qin, Z., & Li, Q. (2015), "Security and privacy issues of fog computing: A survey". In International Conference on Wireless Algorithms, Systems, and Applications, Springer, pp. 685–695.

Yin, L., Luo, J., & Luo, H. (2018), "Tasks scheduling and resource allocation in fog computing based on containers for smart manufacturing". IEEE Trans. Industr. Inf., 14(10), pp. 4712–4721.

Ystgaard, K. F., Atzori, L., Palma, D. Heegaard, P. E., Bertheussen, L. E., Jensen, M. R., & De Moor, K. (2023), "Review of the theory, principles, and design requirements of human-centric IoT". Journal of Ambient Intelligence and Humanized Computing. pp. 1-10.

Yuan, J., & Li, X. (2018), "A reliable and lightweight trust computing mechanism for IoT edge devices based on multi-source feedback information fusion". IEEE Access, 6, 23626–23638, pp. 4-19.

Yudidharma, A., Nathaniel, N., Gimli, T. N., Achmad, S., & Kurniawan, A. (2023), "A systematic literature review: Messaging protocols and electronic platforms used in the IoT for the purpose of building smart homes". Procedia Computer Science, 216, pp. 194–203.

Zhang C. (2020), "Design and application of fog computing and IoT service platform for smart city". Future Generation Computer Systems, 112, 10.1016/j.future.2020.06.016, pp.2-10.

Zhang, P., Zhou, M., & Fortino, G. (2018), "Security and trust issues in Fog computing: A survey". Future Gener. Compute. Syst., 88, pp. 18–28.

Zhang, Y., Zhou, B., Jiao, L., & Chen, J. (2015), "An innovative low-cost detection system for IoT privacy leaks". Computer Networks, 90, pp. 80–82.

Zhenqi, S., Haifeng, Y., Xuefen, C., &Hongxia, L. (2013), "Research on uplink scheduling algorithm of massive M2M and H2H services in LTE", pp. 1-10.

sB. Websites

[1] https://link.springer.com/chapter/10.1007/978-3-319-57639-8_1 accessed on 18th May 2019.

[2] https://link.springer.com/chapter/10.1007/978-3-319-91764-_16#citeas accessed on 18th October 2019.

[3] https://www.comsoc.org/publications/magazines/ieee-communications-magazine accessed on 27th January 2020.

[4] https://www.researchgate.net/publication/360903277 acscessed on 7th March 2020.

[5] https://doi.org/10.1007/978-3-319-39595-1_14 pdf accessed on 15th August 2020.

[6] https://vitalflux.com/cohen-kappa-score-python-example-machine-learning/ accessed on 26th December 2020.

[7] https://www.sciencedirect.com/science/article/abs/pii/S0167739X17311962?Dihub accessed on 19th January 2021.

[8] https://www.geeksforgeeks.org/architecture-of-internet-of-things-iot/ accessed on 30th March 2020.

[9] https://www.google.com/search?q=IoT+protocol+architecture%3A&rlz=1C1RXQR_enIN1102IN1102&oq=IoT+protocol+architecture%3A&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIHCAEQABiABDIICAIQABgWGB4yCAgDEAAYFhgeMggIBBAAGBYYHjIICAUQABgWGB4yCAgGEAAYFhgeMggIBxAAGBYYHjIICAgQABgWGB4yDQgJEAAYhgMYgAQYigXSAQkxNDMwajBqMTWoAgiwAgE&sourceid=chrome&ie=UTF-8 accessed on 15th April 2020. accessed on 1st May 2020.

[10] https://link.springer.com/chapter/10.1007/978-981-19-2374-6_5 pdf accessed on 31th May 2022.

[11] https://www.scirp.org/journal/paperinformation.aspx?paperid=108574 accessed on 15th October 2022.

[12] http://www.wattics.com. Smart metering, accessed on 19th October 2022.

[13] https://www.geeksforgeeks.org/preemptive-and-non-preemptive-scheduling/ # google_vignette, accessed on 29th November 2022.

[14] https://www.geeksforgeeks.org/fuzzy-logic-introduction/, accessed on 1st December 2022.

[15] https://www.hindawi.com accessed on 1st January 2023.

[16] https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/gtd2.12291 accessed on 4th January 2023.

[17] https://www.mqtt.org accessed on 1st February 2023.

[18] https://www.techtarget.com/iotagenda/definition/fog-computing-fogging accessed on 21st February 2023.

[19] https://www.dzone.com accessed on 25th March 2023.

[20] https://www.javatpoint.com/precision-and-recall-in-machine-learning accessed on 30th March 2023.

[21] https://www.paloaltonetworks.com/cyberpedia/what-is-quality-of-service-qos#:~:text=Quality%20of%20service%20(QoS)%20is,specific%20flows%20in%20network%20traffic. accessed on 11th April 2023.

[22] https://http://www.openfogconsortium.org/ra pdf accessed on 23rd May 2023.

[23] https://arxiv.org/abs/2011.14732 accessed on 28th May 2023.

[24] https://www.simplilearn.com/tutorials/machine-learning-tutorial/machine-learning-steps accessed on 1st June 2023.

[25] https://www.mdpi.com/2079-9292/12/7/1511/ accessed on 7th June 2023.

[26] https://pac.pogil.org/index.php/pac/article/view/304 accessed on 9th June 2023.

[27] https://www.researchgate.net/publication/377025158_An_Analysis_of_Methods_and_Metrics_for_Task_Scheduling_in_Fog_Computing accessed on 17th June 2023.

[28] https://www.sam-solutions.com accessed on 29th June 2023.

[29] https://appquipo.com/blog/develop-ai-based-oms-software/ accessed on 30th June 2023.

[30] https://www.academia.edu/119104943/Resource_Allocation_and_Task_Scheduling_in_Fog_Computing_and_Internet_of_Everything_Environments_A_Taxonomy_Review_and_Future_Directions accessed on 7th July 2023.

[31] https://www.ibm.com/topics/machine-learning-algorithms accessed on 14th July 2023.

[32] https://www.simplilearn.com/tutorials/machine-learning-tutorial/confusion-matrix-machine-learning accessed on 27th July 2023.

[33] https://www.researchgate.net/publication/377457479_Machine_Learning_Approaches_To_Predict_The_Stability_of_Smart_Grid accessed on 29th July 2023.

[34] https://www.devopedia.org accessed on 7th August 2023.

[35] https://www.geeksforgeeks.org/fuzzy-logic-introduction/ accessed on 3rd ssSeptember 2023.

[36] https://dl.acm.org/doi/10.1145/3513002 accessed on 25th September 2023.

[37] https://www.geeksforgeeks.org/3-layer-iot-architecture/?ref=ml_lbp accessed on 22nd October 2023.

[38] https://www.analyticsvidhya.com/blog/2021/08/conceptual-understanding-of-logistic-regression-for-data-science-beginners/ accessed on 5th November 2023.

[39] https://www.google.com/search?q=round+robin+scheduling+algorithm+in+machine+learning&rlz=1C1RXQR_enIN1102IN1102&oq=round+robin+scheduling+algorithm+in+ma&gs_lcrp=EgZjaHJvbWUqBwgBECEYoAEyBggAEEUYOTIHCAEQIRigATIHCAIQIRigATIHCAMQIRigATIHCAQQIRifBdIBCjE3NzkwajBqMTWoAgiwAgE&sourceid=chrome&ie=UTF-8 accessed on 18th November 2023.

[40] https://www.sas.com/en_gb/insights/articles/analytics/machine-learning-algorithms.html accessed on 24th November 2023.

[41] https://www.geeksforgeeks.org/5-layer-architecture-of-internet-of-things/?ref=ml_lbp accessed on 28th November 2023.

[42] https://www.geeksforgeeks.org/confusion-matrix-machine-learning/ accessed on 1st December 2023.

[43] https://www.javatpoint.com/confusion-matrix-in-machine-learning accessed on 6th December 2023.

[44] https://www.javatpoint.com/how-to-check-the-accuracy-of-your-machine-learning-model accessed on 26th December 2023.

[45] Sensors | Free Full-Text | Simulation Tools for Fog Computing: A Comparative Analysis (mdpi.com) accessed on 1st January 2024.

[46] https://www.geeksforgeeks.org/difference-between-sdn-and-nfv/ accessed on 11th January 2024.

[47] https://www.sdxcentral.com/networking/sdn/definitions/what-the-definition-of-software-defined-networking-sdn/why-sdn-software-defined-networking-or-nfv-network-functions-virtualization-now/ accessed on 17th January 2024.

[48] https://www.analyticsvidhya.com/blog/2015/12/improve-machine-learning-results/ accessed on 1st February 2024.

[49] https://www.simplilearn.com/tutorials/artificial-intelligence-tutorial/heuristic-function-in-ai accessed on 14sth February 2024.

[50] https://www.spiceworks.com/tech/artificial-intelligence/articles/what-is-heuristics/ accessed on 7th March 2024.

[51] https://www.comsoc.org/publications/magazines/ieee-communications-magazine/cfp/future-trends-fogedge-computing accessed on 15th April 2024.

[52] https://www.researchgate.net/publication/320855949_Fog_Computing_Issues_Challenges_and_Future_Directions accessed on 1st June 2024.

[53] https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10099336/ accessed on 1st June 2024.

[54] https://www.researchgate.net/figure/iFogSim-Architecture-Adapted-from-29_fig1_369571348 accessed on 5th June 2024.

[55] https://www.researchgate.net/publication/349710974_LEAF_Simulating_Large_Energy-Aware_Fog_Computing_Environments accessed on 7th June 2024.

[56] https://www.geeksforgeeks.org/what-is-mipsmillion-of-instructions-per-second/ accessed on 7th June 2024

APPENDIX

Appendix: List of Publications and Conferences Attended

1) Suraj Rajaram Nalawade, Dr. Ashok Kumar Jetawat, "Use of Clustering Machine Learning Algorithms in Fog Computing for Task Scheduling and Resource Allocation" has been published in European Chemical Bulletin (ISSN: 2063-5346), Volume 11, Issue 8, 2022 Date of Publication: - August 2022.

2) Suraj Rajaram Nalawade, Dr. Ashok Kumar Jetawat, "A Comparative Study of Various Classification Machine Learning Algorithms in Fog Computing: Task Scheduling" has been published in Industrial Engineering Journal (ISSN 0970-2555), Volume: 52, Issue 5, No. UGC Care Approved, Group I, Peer Reviewed Journal 4, May: 2023.

3) "The Survey on Fog Computing and its Applications" International Virtual Conference on "Emerging Era of Applications of Computer, 15th -16th of January 2022 Organized by Pacific University Udaipur.

4) National Seminar on "Implementation of Academic Bank of Credit (ABC) in Higher Education Institutes" on 21st March 2023 Organized by Avinashilingam Institute for Home Science and Higher Education for Women University Udaipur.

5) IP Awareness Training Program under "National Intellectual Property Awareness Mission" Organized by Intellectual Property Office, India on 18, January 2023.