DAFTAR PUSTAKA

[1] J. Zhang, "Ethereum vs fabric vs corda: Blockchain protocols compared," [Accessed: 06-Aug-2024]. [Online]. Available: https://www.kaleido.io/blockchain-blog/enterprise-blockchain-protocols-a-technical-analysis-of-ethereum-vs-fabric-vs-corda

[2] A. A. Monrat, O. Schelén, and K. Andersson, "Performance evaluation of permissioned blockchain platforms," in *2020 IEEE Asia-Pacific Conference on Computer Science and Data Engineering (CSDE)*, 2020, pp. 1–8.

[3] Besu, "Welcome | besu documentation," [Accessed: 06-Aug-2024]. [Online]. Available: https://besu.hyperledger.org/

[4] A. Abrol, "Hyperledger vs corda vs ethereum: A detailed comparison," Mar 2022. [Online]. Available: https://www.blockchain-council.org/blockchain/hyperledger-vs-corda-vs-ethereum/

[5] Fabric, "The ordering service - hyperledger fabric docs main documentation," [Accessed: 03-Aug-2024]. [Online]. Available: https://hyperledger-fabric.readthedocs.io/en/latest/orderer/ordering_service.html

[6] G. Yang, K. Lee, K. Lee, Y. Yoo, H. Lee, and C. Yoo, "Resource analysis of blockchain consensus algorithms in hyperledger fabric," *IEEE Access*, vol. 10, pp. 74 902–74 920, 2022.

[7] T. Han and K. Gao, "Review of blockchain consensus algorithms," *Scientific Journal of Intelligent Systems Research*, vol. 2, no. 12, p. 138–144, 2020.

[8] Fabric, "Couchdb as the state database - hyperledger fabric docs main documentation," [Accessed: 03-Aug-2024]. [Online]. Available: https://hyperledger-fabric.readthedocs.io/en/latest/couchdb_as_state_database.html

[9] Apache, "1.1. technical overview - apache couchdb® 3.3 documentation," [Accessed: 04-Aug-2024]. [Online]. Available: https://docs.couchdb.org/en/stable/intro/overview.html

[10] Google, "google/leveldb." [Online]. Available: https://github.com/google/leveldb

[11] Caliper, "Hyperledger caliper," [Accessed: 07-Aug-2024]. [Online]. Available: https://hyperledger.github.io/caliper/

[12] T. T. A. Dinh, J. Wang, G. Chen, R. Liu, B. C. Ooi, and K.-L. Tan, "Blockbench: A framework for analyzing private blockchains," in *Proceedings of the 2017 ACM International Conference on Management of Data*, ser. SIGMOD '17. New York, NY, USA: Association for Computing Machinery, 2017, p. 1085–1100. [Online]. Available: https://doi.org/10.1145/3035918.3064033

[13] Fabric, "How fabric networks are structured - hyperledger fabric docs main documentation," [Accessed: 28-Jul-2024]. [Online]. Available: https://hyperledger-fabric.readthedocs.io/en/latest/network/network.html

[14] ——, "Ledger - hyperledger fabric docs main documentation," [Accessed: 28-Jul-2024]. [Online]. Available: https://hyperledger-fabric.readthedocs.io/en/latest/ledger/ledger.html

[15] E. Androulaki, A. Barger, V. Bortnikov, C. Cachin, K. Christidis, A. De Caro, D. Enyeart, C. Ferris, G. Laventman, Y. Manevich, and et al., "Hyperledger fabric: A distributed operating system for permissioned blockchains," *Proceedings of the Thirteenth EuroSys Conference*, Apr 2018.

[16] Kitakabee, "11 agile testing challenges and its solutions," Jun 2022. [Online]. Available: https://www.browserstack.com/guide/agile-testing-challenges

[17] S. Nakamoto, "Bitcoin: A peer-to-peer electronic cash system," 2008. [Online]. Available: https://bitcoin.org/bitcoin.pdf

[18] J. L. Zhao, S. Fan, and J. Yan, "Overview of business innovations and research opportunities in blockchain and introduction to the special issue," *Financial Innovation*, vol. 2, no. 1, Dec 2016.

[19] S. Ghesmati, W. Fdhila, and E. Weippl, "Sok: How private is bitcoin? classification and evaluation of bitcoin privacy techniques," in *Proceedings of the 17th International Conference on Availability, Reliability and Security*, ser. ARES '22. New York, NY, USA: Association for Computing Machinery, 2022. [Online]. Available: https://doi.org/10.1145/3538969.3538971

[20] A. Altaf, F. Iqbal, R. Latif, B. M. Yakubu, S. Latif, and H. Samiullah, "A survey of blockchain technology: Architecture, applied domains, platforms, and security threats," *Social Science Computer Review*, vol. 41, no. 5, pp. 1941–1962, 2023. [Online]. Available: https://doi.org/10.1177/08944393221110148

[21] M. J. Tuyisenge, "Blockchain technology security concerns: Literature review," Ph.D. dissertation, Uppsala University, Disciplinary Domain of Humanities and Social Sciences, Faculty of Social Sciences, Department of Informatics and Media, Information Systems, 2021.

[22] Hyperledger, "Hyperledger - the open global ecosystem for enterprise blockchain," [Accessed: 12-Jun-2024]. [Online]. Available: https://www.hyperledger.org/

[23] A. Lawson and C. Page, "Bofa patents increase nearly 70% in 5 years," Mar 2024, [Accessed 12-Jun-2024]. [Online]. Available: https://newsroom.bankofamerica.com/content/newsroom/press-releases/2024/03/bofa-patents-increase-nearly-70--in-5-years.html

[24] V. Chang, P. Baudier, H. Zhang, Q. Xu, J. Zhang, and M. Arami, "How blockchain can impact financial services – the overview, challenges and recommendations from expert interviewees," *Technological Forecasting and Social Change*, vol. 158, pp. 120–166, 2020. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0040162520309926

[25] M. R. Prastyo, "Pengembangan backend aplikasi dompet digital meetcoin berbasis blockchain," Bachelor's thesis, Gadjah Mada University, Faculty of Engineering, Department of Electrical dan Information Engineering, Information Engineering, 2022.

[26] Composer, "Hyperledger composer - create business networks and blockchain applications quickly for hyperledger | hyperledger composer," [Accessed: 20-Jul-2024]. [Online]. Available: https://hyperledger.github.io/composer/latest/

[27] Hyperledger, "hyperledger/fabric." [Online]. Available: https://github.com/hyperledger/fabric

[28] P. Pourkhomami, "The risks of using outdated software systems and hardware," Oct 2023, [Accessed: 06-Aug-2024]. [Online]. Available: https://www.osibeyond.com/blog/dangers-of-outdated-software-hardware/

[29] R. K. Kausal, N. Kumar, S. Makka, and K. Saluja, "Demystifying hyperledger fabric framework for distributed ledgers and approach to evaluate its performance," *2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology (ICSEIET)*, Sep 2023.

[30] M. Uddin, K. Salah, R. Jayaraman, S. Pesic, and S. Ellahham, "Blockchain for drug traceability: Architectures and open challenges," *Health Informatics Journal*, vol. 27, no. 2, pp. 1–15, Apr 2021.

[31] A. Srivastava and Y. Desai, "Performance analysis of hyperledger fabric based blockchain for traceability in food supply chain," in *2021 IEEE 2nd International Conference on Technology, Engineering, Management for Societal impact using Marketing, Entrepreneurship and Talent (TEMSMET)*, 2021, pp. 1–5.

[32] S. Vidwans, A. Deshpande, P. Thakur, A. Verma, and S. Palwe, "Permissioned blockchain voting system using hyperledger fabric," in *2022 International Conference on IoT and Blockchain Technology (ICIBT)*, 2022, pp. 1–6.

[33] G. Al-Sumaidaee, R. Alkhudary, Z. Zilic, and A. Swidan, "Performance analysis of a private blockchain network built on hyperledger fabric for healthcare," *Information Processing Management*, vol. 60, no. 2, p. 103160, 2023. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0306457322002618

[34] G. Tripathi, M. A. Ahad, and G. Casalino, "A comprehensive review of blockchain technology: Underlying principles and historical background with future challenges," *Decision Analytics Journal*, vol. 9, p. 100344, 2023. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S2772662223001844

[35] R. Weerawarna, S. J. Miah, and X. Shao, "Emerging advances of blockchain technology in finance: A content analysis," *Personal and Ubiquitous Computing*, vol. 27, no. 4, p. 1495–1508, Feb 2023.

[36] W.-M. Lee, *Beginning Ethereum Smart Contracts Programming: With examples in python, solidity, and JavaScript*. Apress, 2023.

[37] J. Zarrin, H. Wen Phang, L. Babu Saheer, and B. Zarrin, "Blockchain for decentralization of internet: Prospects, trends, and challenges," *Cluster Computing*, vol. 24, no. 4, p. 2841–2866, May 2021.

[38] Z. Zheng, S. Xie, H. Dai, X. Chen, and H. Wang, "An overview of blockchain technology: Architecture, consensus, and future trends," in *2017 IEEE International Congress on Big Data (BigData Congress)*, 2017, pp. 557–564.

[39] M. Chand, "Practical byzantine fault tolerance (pbft): Building trust in distributed systems," Apr 2024, [Accessed: 23-Jul-2024]. [Online]. Available: https://medium.com/@mehar.chand.cloud/practical-byzantine-fault-tolerance-pbft-building-trust-in-distributed-systems-41183c668b93

[40] C. Campbell, "What are the 4 different types of blockchain technology?: Techtarget," Jun 2024, [Accessed: 23-Jul-2024]. [Online]. Available: https://www.techtarget.com/searchcio/feature/What-are-the-4-different-types-of-blockchain-technology

[41] M. G. Tiwari and K. A. Kumar, "Decentralization system using smart blockchain with secure hash," *SN Computer Science*, vol. 4, no. 5, Aug 2023.

[42] S. Perera, S. Nanayakkara, M. Rodrigo, S. Senaratne, and R. Weinand, "Blockchain technology: Is it hype or real in the construction industry?" *Journal of Industrial Information Integration*, vol. 17, pp. 100–125, 2020. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S2452414X20300017

[43] Fabric, "Introduction - hyperledger fabric docs main documentation," [Accessed: 28-Jul-2024]. [Online]. Available: https://hyperledger-fabric.readthedocs.io/en/latest/whatis.html

[44] R. Pujadas, E. Valderrama, and W. Venters, "The value and structuring role of web apis in digital innovation ecosystems: The case of the online travel ecosystem," *Research Policy*, vol. 53, no. 2, p. 104931, 2024. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0048733323002159

[45] Go, "The go programming language," [Accessed: 24-Jul-2024]. [Online]. Available: https://go.dev/

[46] R3, "Corda enterprise vs corda open source - enterprise 4.12," Jul 2024, [Accessed: 06-Aug-2024]. [Online]. Available: https://docs.r3.com/en/platform/corda/4.12/enterprise/about-corda/enterprise-vs-community.html

[47] Fabric, "Performance considerations - hyperledger fabric docs main documentation." [Online]. Available: https://hyperledger-fabric.readthedocs.io/en/latest/performance.html