



DAFTAR PUSTAKA

- [1] B. S. Bakhri, "Masyarakat Ekonomi ASEAN dan Tinjauan dari Perspektif Ekonomi Syariah," vol. 26, no. 2, 2015.
- [2] "Jurnal Fiat Justicia, Vol.4 No.2, Edisi September," 2018.
- [3] M. Al-Ruithe and E. Benkhelifa, "A conceptual framework for cloud data governance-driven decision making," in *2017 International Conference on the Frontiers and Advances in Data Science (FADS)*, Xi'an: IEEE, Oct. 2017, pp. 1–6. doi: 10.1109/FADS.2017.8253182.
- [4] Anastasya Zalsabilla Hermawan, M. Novianto Anggoro, Ditha Lozera, and Asif Faroqi, "STUDI LITERATUR: ANCAMAN SERANGAN SIBER ARTIFICIAL INTELLIGENCE (AI) TERHADAP KEAMANAN DATA DI INDONESIA," *sitasi*, vol. 3, no. 1, pp. 581–591, Nov. 2023, doi: 10.33005/sitasi.v3i1.363.
- [5] R. Wulan, A. Riyanto, N. W. P. Septiani, and M. Lestari, "Pemanfaatan Platform Google Cloud Storage sebagai Media Pembelajaran dan Informasi Data pada SDN 01 Lemahtamba Cirebon," *JUR.PKM*, vol. 7, no. 3, p. 375, May 2024, doi: 10.30998/jurnalpkm.v7i3.22441.
- [6] A. M. Mabruroh, F. Dewanta, and A. A. Wardana, "Implementasi Ethereum Blockchain dan Smart Contract Pada Jaringan Smart Energy Meter," *JURNAL MULTIMEDIA NETWORKING INFORMATICS*, vol. 7, no. 1, pp. 82–91, Oct. 2021, doi: 10.32722/multinetics.v7i1.4122.
- [7] I. Zikratov, A. Kuzmin, V. Akimenko, V. Niculichev, and L. Yalansky, "Ensuring data integrity using blockchain technology," in *2017 20th Conference of Open Innovations Association (FRUCT)*, St-Petersburg, Russia: IEEE, Apr. 2017, pp. 534–539. doi: 10.23919/FRUCT.2017.8071359.
- [8] S. Huang, "Academic Records Verification Platform Based on Blockchain Technology," in *2020 International Conference on Computer Science and Management Technology (ICCSMT)*, Shanghai, China: IEEE, Nov. 2020, pp. 203–206. doi: 10.1109/ICCSMT51754.2020.00048.
- [9] M. Chopade, S. Khan, U. Shaikh, and R. Pawar, "Digital Forensics: Maintaining Chain of Custody Using Blockchain," in *2019 Third International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)*, Palladam, India: IEEE, Dec. 2019, pp. 744–747. doi: 10.1109/I-SMAC47947.2019.9032693.
- [10] R. Sathyaprakasan, P. Govindan, S. Alvi, L. Sadath, S. Philip, and N. Singh, "An Implementation of Blockchain Technology in Forensic Evidence Management," in *2021 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)*, Dubai, United Arab Emirates: IEEE, Mar. 2021, pp. 208–212. doi: 10.1109/ICCIKE51210.2021.9410791.
- [11] N. Thakur and A. K. Sharma, "Data Integrity Techniques in Cloud Computing: An Analysis," *IJARCSSE*, vol. 7, no. 8, p. 121, Aug. 2017, doi: 10.23956/ijarcsse.v7i8.36.
- [12] N. Khan, H. Aljoaey, M. Tabassum, A. Farzamnia, T. Sharma, and Y. H.



Tung, "Proposed Model for Secured Data Storage in Decentralized Cloud by Blockchain Ethereum," *Electronics*, vol. 11, no. 22, p. 3686, Nov. 2022, doi: 10.3390/electronics11223686.

- [13] M. I. Khalid *et al.*, "A Comprehensive Survey on Blockchain-Based Decentralized Storage Networks," *IEEE Access*, vol. 11, pp. 10995–11015, 2023, doi: 10.1109/ACCESS.2023.3240237.
- [14] "10072731.pdf."
- [15] "Mengistu et al. - 2017 - A No Data Center Solution to Cloud Computing.pdf."
- [16] A. Giannakou, L. Rilling, C. Morin, and J.-L. Pazat, "SAIDS: A Self-Adaptable Intrusion Detection System for IaaS Clouds," in *2018 18th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGRID)*, Washington, DC, USA: IEEE, May 2018, pp. 354–355. doi: 10.1109/CCGRID.2018.00054.
- [17] Yang Jinzhou, He Jin, Zhang Kai, and Wang Zhijun, "Discussion on private cloud PaaS construction of large scale enterprise," in *2016 IEEE International Conference on Cloud Computing and Big Data Analysis (ICCCBDA)*, Chengdu, China: IEEE, Jul. 2016, pp. 273–278. doi: 10.1109/ICCCBDA.2016.7529570.
- [18] A. A. Z. A. Ibrahim, M. U. Wasim, S. Varrette, and P. Bouvry, "PRESEnCE: Performance Metrics Models for Cloud SaaS Web Services," in *2018 IEEE 11th International Conference on Cloud Computing (CLOUD)*, San Francisco, CA, USA: IEEE, Jul. 2018, pp. 936–940. doi: 10.1109/CLOUD.2018.00140.
- [19] J. Yli-Huumo, D. Ko, S. Choi, S. Park, and K. Smolander, "Where Is Current Research on Blockchain Technology?—A Systematic Review," *PLoS ONE*, vol. 11, no. 10, p. e0163477, Oct. 2016, doi: 10.1371/journal.pone.0163477.
- [20] K. Salah, M. H. U. Rehman, N. Nizamuddin, and A. Al-Fuqaha, "Blockchain for AI: Review and Open Research Challenges," *IEEE Access*, vol. 7, pp. 10127–10149, 2019, doi: 10.1109/ACCESS.2018.2890507.
- [21] S. Bakhtiari, R. Safavi-Naini, and J. Pieprzyk, "Cryptographic Hash Functions: A Survey".
- [22] H. Liu, X. Luo, H. Liu, and X. Xia, "Merkle Tree: A Fundamental Component of Blockchains," in *2021 International Conference on Electronic Information Engineering and Computer Science (EIECS)*, Changchun, China: IEEE, Sep. 2021, pp. 556–561. doi: 10.1109/EIECS53707.2021.9588047.
- [23] S. Leible, S. Schlager, M. Schubotz, and B. Gipp, "A Review on Blockchain Technology and Blockchain Projects Fostering Open Science," *Front. Blockchain*, vol. 2, p. 16, Nov. 2019, doi: 10.3389/fbloc.2019.00016.
- [24] S. Nakamoto, "Bitcoin: A Peer-to-Peer Electronic Cash System".
- [25] G. Estevam, L. M. Palma, L. R. Silva, J. E. Martina, and M. Vigil, "Accurate and decentralized timestamping using smart contracts on the Ethereum blockchain," *Information Processing & Management*, vol. 58, no. 3, p. 102471, May 2021, doi: 10.1016/j.ipm.2020.102471.
- [26] I. G. A. K. Gemeliarana and R. F. Sari, "Evaluation of Proof of Work (POW)



Blockchains Security Network on Selfish Mining,” in *2018 International Seminar on Research of Information Technology and Intelligent Systems (ISRITI)*, Yogyakarta, Indonesia: IEEE, Nov. 2018, pp. 126–130. doi: 10.1109/ISRITI.2018.8864381.

- [27] S. S. D. Arigela and P. Voola, “Blockchain Open Source Tools: Ethereum and Hyperledger Fabric,” in *2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)*, Chennai, India: IEEE, Jan. 2023, pp. 1–8. doi: 10.1109/ICECONF57129.2023.10084256.
- [28] F. Ma *et al.*, “EVM: From Offline Detection to Online Reinforcement for Ethereum Virtual Machine,” in *2019 IEEE 26th International Conference on Software Analysis, Evolution and Reengineering (SANER)*, Hangzhou, China: IEEE, Feb. 2019, pp. 554–558. doi: 10.1109/SANER.2019.8668038.
- [29] C.-S. Ke and Y.-R. Chen, “Instruction Verification of Ethereum Virtual Machine by Formal Method,” in *2020 Indo – Taiwan 2nd International Conference on Computing, Analytics and Networks (Indo-Taiwan ICAN)*, Rajpura, Punjab, India: IEEE, Feb. 2020, pp. 69–74. doi: 10.1109/Indo-TaiwanICAN48429.2020.9181334.
- [30] P. Kostamis, A. Sendros, and P. S. Efraimidis, “Exploring Ethereum’s Data Stores: A Cost and Performance Comparison,” May 21, 2021, *arXiv*: arXiv:2105.10520. doi: 10.48550/arXiv.2105.10520.
- [31] R. Tas and O. O. Tanriover, “Building A Decentralized Application on the Ethereum Blockchain,” in *2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT)*, Ankara, Turkey: IEEE, Oct. 2019, pp. 1–4. doi: 10.1109/ISMSIT.2019.8932806.
- [32] S. Oktaviani, “IMPLEMENTASI SMART CONTRACT PADA TEKNOLOGI BLOCKCHAIN DALAM KAITANNYA DENGAN NOTARIS SEBAGAI PEJABAT UMUM,” vol. 9, no. 11, p. 17, 2021.
- [33] “Naivechain”.
- [34] F. N. Pabokory, I. F. Astuti, and A. H. Kridalaksana, “Implementasi Kriptografi Pengamanan Data Pada Pesan Teks, Isi File Dokumen, Dan File Dokumen Menggunakan Algoritma Advanced Encryption Standard,” *JIM*, vol. 10, no. 1, p. 20, Jun. 2016, doi: 10.30872/jim.v10i1.23.
- [35] “Kriptografi Simetris dan Asimetris.pdf.”
- [36] M. R. Fonna, “The Analysis of MD5 and SHA-1 Hash Algorithms”.
- [37] Md. Alam Hossain, “Cryptanalyzing of Message Digest Algorithms MD4 and MD5,” *IJCIS*, vol. 2, no. 1, pp. 1–13, Mar. 2012, doi: 10.5121/ijcis.2012.2101.
- [38] S. Gueron, “Speeding up CRC32C computations with Intel CRC32 instruction,” *Information Processing Letters*, vol. 112, no. 5, pp. 179–185, Feb. 2012, doi: 10.1016/j.ipl.2011.11.015.
- [39] V. Spaizer, “Digital data and methods,” in *Research Handbook on Analytical Sociology*, G. Manzo, Ed., Edward Elgar Publishing, 2021, pp. 352–363. doi: 10.4337/9781789906851.00028.
- [40] A. Nguyen Duc and A. Chirumamilla, “Identifying Security Risks of Digital Transformation - An Engineering Perspective,” in *Digital Transformation for*



a Sustainable Society in the 21st Century, vol. 11701, I. O. Pappas, P. Mikalef, Y. K. Dwivedi, L. Jaccheri, J. Krogstie, and M. Mäntymäki, Eds., in Lecture Notes in Computer Science, vol. 11701. , Cham: Springer International Publishing, 2019, pp. 677–688. doi: 10.1007/978-3-030-29374-1_55.

- [41] L. Sun, “Overview of Regulations on Cross Border Data Flow”.
- [42] Oluwatosin Reis, Nkechi Emmanuella Eneh, Benedicta Ehimuan, Anthony Anyanwu, Temidayo Olorunsogo, and Temitayo Oluwaseun Abrahams, “PRIVACY LAW CHALLENGES IN THE DIGITAL AGE: A GLOBAL REVIEW OF LEGISLATION AND ENFORCEMENT,” *Int. j. appl. res. soc. sci.*, vol. 6, no. 1, pp. 73–88, Jan. 2024, doi: 10.51594/ijarss.v6i1.733.
- [43] E. Bertino, “Data Security – Challenges and Research Opportunities,” in *Secure Data Management*, vol. 8425, W. Jonker and M. Petković, Eds., in Lecture Notes in Computer Science, vol. 8425. , Cham: Springer International Publishing, 2014, pp. 9–13. doi: 10.1007/978-3-319-06811-4_2.
- [44] B. Liu, X. L. Yu, S. Chen, X. Xu, and L. Zhu, “Blockchain Based Data Integrity Service Framework for IoT Data,” in *2017 IEEE International Conference on Web Services (ICWS)*, Honolulu, HI, USA: IEEE, Jun. 2017, pp. 468–475. doi: 10.1109/ICWS.2017.54.
- [45] A. H. Alfarisi Akasy, “ANALYSIS OF IMMIGRATION MANAGEMENT INFORMATION SYSTEM (SIMKIM) VERSION 2.0 FOR THE ISSUANCE OF A RESIDENCE PERMIT WITH THE COBIT 5 METHOD AT THE CLASS I IMMIGRATION OFFICE TPI MAKASSAR,” *tematics*, vol. 3, no. 1, pp. 67–89, May 2021, doi: 10.52617/tematics.v3i1.303.