

DAFTAR PUSTAKA

- Aminullah, M. N. A., Bakti, R. Y., Hayat, M. A., & Lukman, L. (2022). Pembuatan Verifikasi Sertifikat Digital Sebagai Bukti Keabsahan Menggunakan Algoritma Steganografi Dengan Metode Least Significant Bit Insertion (LSB). *Ainet : Jurnal Informatika*, 4(1), 24–32. <https://journal.unismuh.ac.id/index.php/ainet/article/view/11904>
- Andi, Juliandy, C., Robet, & Pribadi, O. (2022). Securing Medical Records of COVID-19 Patients Using Elliptic Curve Digital Signature Algorithm (ECDSA) in Blockchain. *CommIT (Communication and Information Technology) Journal*, 16(1), 87–96. <https://doi.org/10.21512/COMMIT.V16I1.7958>
- Danil Muis, M., Sukarno, P., & Wardana, A. A. (n.d.). *Analisis dan Implementasi Sistem Pendekripsi Ijazah dan Transkrip Palsu dengan Menggunakan IPFS dan Smart Contract Blockchain*.
- Durand, A., Gremaud, P., & Pasquier, J. (2020). Decentralized LPWAN infrastructure using blockchain and digital signatures. *Concurrency and Computation: Practice and Experience*, 32(12), e5352. <https://doi.org/10.1002/CPE.5352>
- Frikha, T., Chaabane, F., Aouinti, N., Cheikhrouhou, O., Ben Amor, N., & Kerrouche, A. (2021). Implementation of Blockchain Consensus Algorithm on Embedded Architecture. *Security and Communication Networks*, 2021. <https://doi.org/10.1155/2021/9918697>
- Garrett, J. J. (2011). *The Elements of User Experience: User-Centered Design for the Web and Beyond, Second Edition Notice of Rights Notice of Liability*. www.newriders.com
- Gayathiri, A., Jayachitra, J., & Matilda, S. (2020). Certificate validation using blockchain. *2020 7th International Conference on Smart Structures and Systems, ICSSS 2020*. <https://doi.org/10.1109/ICSSS49621.2020.9201988>
- Hewa, T., Ylianttila, M., & Liyanage, M. (2021). Survey on blockchain based smart contracts: Applications, opportunities and challenges. *Journal of Network and*

Computer Applications, 177, 102857.
<https://doi.org/10.1016/J.JNCA.2020.102857>

Jabbar, R., Krichen, M., Fetais, N., & Barkaoui, K. (2020). *Adopting Formal Verification and Model-Based Testing Techniques for Validating a Blockchain-based Healthcare Records Sharing System.* 261–268.
<https://doi.org/10.5220/0009592102610268>

Jayabalasamy, G., & Koppu, S. (2022). High-performance Edwards curve aggregate signature (HECAS) for nonrepudiation in IoT-based applications built on the blockchain ecosystem. *Journal of King Saud University - Computer and Information Sciences*, 34(10), 9677–9687.
<https://doi.org/10.1016/J.JKSUCI.2021.12.001>

Kendall, K. E. (2010). *Analisis dan Perancangan Sistem.* Indeks.

Kuznetsov, A., Oleshko, I., Tymchenko, V., Lisitsky, K., Rodinko, M., Kolhatin, A., & Karazin, V. N. (2021). Computer Network and Information Security. *Computer Network and Information Security*, 2, 1–15.
<https://doi.org/10.5815/ijcnis.2021.02.01>

Laurence, T. (2023). *Blockchain For Dummies*, 3rd Edition Published.
https://books.google.com/books/about/Blockchain_For_Dummies.html?id=vbevEAAAQBAJ

Lorien, A., & Wellem, T. (2021). Implementasi Sistem Otentikasi Dokumen Berbasis Quick Response (QR) Code dan Digital Signature. *Jurnal RESTI (Rekayasa Sistem Dan Teknologi Informasi)*, 5(4), 663–671.
<https://doi.org/10.29207/RESTI.V5I4.3316>

Mohanta, B. K., Panda, S. S., & Jena, D. (2018). An Overview of Smart Contract and Use Cases in Blockchain Technology. *2018 9th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2018.*
<https://doi.org/10.1109/ICCCNT.2018.8494045>

Nadzifarin, A., & Asmunin, A. (2022). Penerapan Elliptic Curve Digital Signature Algorithm pada Tanda Tangan Digital dengan Studi Kasus Dokumen Surat –

Menyurat. *Journal of Informatics and Computer Science (JINACS)*, 4(01), 1–9.
<https://doi.org/10.26740/JINACS.V4N01.P1-9>

Nagasubramanian, G., Sakthivel, R. K., Patan, R., Gandomi, A. H., Sankayya, M., & Balusamy, B. (2020). Securing e-health records using keyless signature infrastructure blockchain technology in the cloud. *Neural Computing and Applications*, 32(3), 639–647. <https://doi.org/10.1007/S00521-018-3915-1/METRICS>

Pramulia, D., & Anggorojati, B. (2020). Implementation and evaluation of blockchain based e-voting system with Ethereum and Metamask. *Proceedings - 2nd International Conference on Informatics, Multimedia, Cyber, and Information System, ICIMCIS 2020*, 18–23. <https://doi.org/10.1109/ICIMCIS51567.2020.9354310>

Rakhmansyah, M., Rahardja, U., Puji, N., Santoso, L., Khoirunisa, A., Faturahman, A., Sains, F., & Teknologi, D. (2021). Smart Digital Signature Berbasis Blockchain Pada Pendidikan Tinggi Menggunakan Metode SWOT. *ADI Bisnis Digital Interdisiplin Jurnal*, 2(1 Juni), 39–47. <https://doi.org/10.34306/ABDI.V2I1.325>

Rana, S. K., Rana, S. K., Nisar, K., Ag Ibrahim, A. A., Rana, A. K., Goyal, N., & Chawla, P. (2022). Blockchain Technology and Artificial Intelligence Based Decentralized Access Control Model to Enable Secure Interoperability for Healthcare. *Sustainability (Switzerland)*, 14(15). <https://doi.org/10.3390/su14159471>

Roopak, T. M., & Sumathi, R. (2020). Electronic Voting based on Virtual ID of Aadhar using Blockchain Technology. *2nd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2020 - Conference Proceedings*, 71–75. <https://doi.org/10.1109/ICIMIA48430.2020.9074942>

Santoso, M. H., Girsang, N. D., Siagian, H., Wahyudi, A., & Sitorus, B. A. (2019). Perbandingan Algoritma Kriptografi Hash MD5 dan SHA-1. In *Prosiding Seminar Nasional Teknologi Informatika* (Vol. 2).

- Saputra, I., & Nasution, S. D. (2019). Analisa Algoritma SHA-256 Untuk Mendeteksi Orisinalitas Citra Digital. *Prosiding Seminar Nasional Riset Information Science (SENRIS)*, 1(0), 164–178. <https://doi.org/10.30645/SENRIS.V1I0.20>
- Sasi, S., Subbu, S. B. V., Manoharan, P., & Abualigah, L. (2023). Design and implementation of secured file delivery protocol using enhanced elliptic curve cryptography for class I and class II transactions. *Journal of Autonomous Intelligence*, 6(3). <https://doi.org/10.32629/JAI.V6I3.740>
- Shankar, G., Ai-Farhani, L. H., Anitha Christy Angelin, P., Singh, P., Alqahtani, A., Singh, A., Kaur, G., & Samori, I. A. (2023). Improved Multisignature Scheme for Authenticity of Digital Document in Digital Forensics Using Edward-Curve Digital Signature Algorithm. *Security and Communication Networks*, 2023. <https://doi.org/10.1155/2023/2093407>
- Shidqi, R. M. (n.d.). *Implementasi Keamanan Sistem E-Voting Pada Jaringan Berbasis Blockchain Dan Kriptografi*. <https://doi.org/10.13140/RG.2.2.22199.39849>
- Singhal, B., Dhameja, G., & Panda, P. S. (2018). How Blockchain Works. *Beginning Blockchain*, 31–148. https://doi.org/10.1007/978-1-4842-3444-0_2
- Sowmiya, B., Poovammal, E., Ramana, K., Singh, S., & Yoon, B. (2021). Linear Elliptical Curve Digital Signature (LECDS) with Blockchain Approach for Enhanced Security on Cloud Server. *IEEE Access*, 9, 138245–138253. <https://doi.org/10.1109/ACCESS.2021.3115238>
- Stallings, W. (2013). Digital Signature Algorithms. *Cryptologia*, 37(4), 311–327. <https://doi.org/10.1080/01611194.2013.797044>
- Susilo, B., Hanyokro Kusuma, G., Hayatul Fikri, M., Saputri, R., Aulia Putri, R., Rohimah, S., Luthfi Hamzah, M., & Sultan Syarif Kasim Riau, N. (2023). Rancang Bangun Sistem Informasi Keuangan Pada Kantor Lurah Kotabaru Reteh Dengan Metode Rapid Application Development (RAD). *Jurnal Testing Dan Implementasi Sistem Informasi*, 1(1), 17–28. <https://www.journal.al-matani.com/index.php/jtisi/article/view/323>

- Tikhomirov, S. (2018). Ethereum: State of knowledge and research perspectives. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10723 LNCS, 206–221. https://doi.org/10.1007/978-3-319-75650-9_14/COVER
- Verma, A., Khatana, A., & Chaudhary, S. (2017). A Comparative Study of Black Box Testing and White Box Testing. *Article in International Journal of Computer Sciences and Engineering*. <https://doi.org/10.26438/ijcse/v5i12.301304>
- Yuniati, T., & Sidiq, M. F. (2020). Literature Review: Legalisasi Dokumen Elektronik Menggunakan Tanda Tangan Digital sebagai Alternatif Pengesahan Dokumen di Masa Pandemi. *Jurnal RESTI (Rekayasa Sistem Dan Teknologi Informasi)*, 4(6), 1058–1069 – 1069. <https://doi.org/10.29207/RESTI.V4I6.2502>
- Zahariadis, T., Trakadas, P., Karkazis, P. A., Sideris, A., Sanida, T., & Dasygenis, M. (2023). A Novel Hardware Architecture for Enhancing the Keccak Hash Function in FPGA Devices. *Information 2023, Vol. 14, Page 475, 14(9), 475*. <https://doi.org/10.3390/INFO14090475>
- Zheng, Z., Xie, S., Dai, H., Chen, X., & Wang, H. (2017). An Overview of Blockchain Technology: Architecture, Consensus, and Future Trends. *Proceedings - 2017 IEEE 6th International Congress on Big Data, BigData Congress 2017*, 557–564. <https://doi.org/10.1109/BIGDATACONGRESS.2017.85>
- Zou, W., Lo, D., Kochhar, P. S., Le, X. B. D., Xia, X., Feng, Y., Chen, Z., & Xu, B. (2021). Smart Contract Development: Challenges and Opportunities. *IEEE Transactions on Software Engineering*, 47(10), 2084–2106. <https://doi.org/10.1109/TSE.2019.2942301>
- Zou, X., & Zeng, P. (2023). A New Digital Signature Primitive and Its Application in Blockchain. *IEEE Access*, 11, 54607–54615. <https://doi.org/10.1109/ACCESS.2023.3280638>