DAFTAR PUSTAKA

Abdur Razzaq, M., Abdul Latif University Khairpur, S., Sajid Habib Gill, P., Rahim Yar Khan Campus Rahim Yar Khan, E., Muhammad Ali Qureshi, P., Ullah, S., & Yar Khan, R. (2017). Security Issues in the Internet of Things (IoT): A Comprehensive Study. In *IJACSA) International Journal of Advanced Computer Science and Applications* (Vol. 8, Issue 6). www.ijacsa.thesai.org

Alam, S. R., Jain, S., & Doriya, R. (2021). Security threats and solutions to IoT using Blockchain: A Review. *Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021*, 268–273. https://doi.org/10.1109/ICICCS51141.2021.9432325

Al-Saqqa, S., & Almajali, S. (2020). Blockchain technology consensus algorithms and applications: A survey. *International Journal of Interactive Mobile Technologies*, *14*(15), 142–156. https://doi.org/10.3991/IJIM.V14I15.15893

Ambolis, D. (2023, June 15). *Everything You Need To Know About Blockchain And IoT Market*. Blockchain News. https://blockchainmagazine.net/everything-you-need-to-know-about-blockchain-and-iot-market/

Atmoko, R. A., Riantini, R., & Hasin, M. K. (2017). IoT real time data acquisition using MQTT protocol. *Journal of Physics: Conference Series*, *853*(1). https://doi.org/10.1088/1742-6596/853/1/012003

Bedge, G. A., & Purohit, V. M. (2018). Iot Based Weather Monitoring System Using Mqtt. *International Conference on Smart Systems (ICSS-2018)*.

Bernstein, C., Brush, K., & Gillis, A. S. (2021, January). *DEFINITION MQTT (MQ Telemetry Transport)*. Tech Target: Enterprise Internet of Things.

Bin Shahadat, A. S., Ayon, S. I., & Khatun, M. R. (2020). Efficient IoT based Weather Station. *Proceedings of 2020 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering, WIECON-ECE 2020*, 227–230. https://doi.org/10.1109/WIECON-ECE52138.2020.9398041

Biswas, K., & Muthukkumarasamy, V. (2017). Securing smart cities using blockchain technology. *Proceedings - 18th IEEE International Conference on High Performance Computing and Communications, 14th IEEE International Conference on Smart City and 2nd IEEE International Conference on Data Science and Systems, HPCC/SmartCity/DSS 2016*, 1392–1393. https://doi.org/10.1109/HPCC-SmartCity-DSS.2016.0198

Bordel, B., Martin, D., Alcarria, R., & Robles, T. (2019). A Blockchain-based Water Control System for the Automatic Management of Irrigation Communities; A Blockchain-based Water Control System for the Automatic Management of Irrigation Communities. In *2019 IEEE International Conference on Consumer Electronics (ICCE)*.

Buterin, V. (2014). A next-generation smart contract and decentralized application platform. In *Ethereum White Paper* (Vol. 3, pp. 2–1).

Chaganti, R., Varadarajan, V., Gorantla, V. S., Gadekallu, T. R., & Ravi, V. (2022). Blockchain-Based Cloud-Enabled Security Monitoring Using Internet of Things in Smart Agriculture. *Future Internet*, *14*(9). https://doi.org/10.3390/fi14090250

Chen, C. L., Lim, Z. Y., & Liao, H. C. (2021). Blockchain-based community safety security system with iot secure devices. *Sustainability (Switzerland)*, *13*(24). https://doi.org/10.3390/su132413994

Elham, M. N., Sabeghi, M. S., AL-Rasbi, F. S., Daud, S. M., Noor, N. Q., Sahak, R., & Mazlan, A. A. (2020). A Preliminary Study on Poultry Farm Environmental Monitoring using Internet of Things and Blockchain Technology. *2020 IEEE 10th Symposium on Computer Applications & Industrial Electronics (ISCAIE)*, 273–276.

Ethereum Foundation. (2023). *web3.py*. Web3.Py Documentation .

Hang, L., Ullah, I., & Kim, D. H. (2020). A secure fish farm platform based on blockchain for agriculture data integrity. *Computers and Electronics in Agriculture*, *170*. https://doi.org/10.1016/j.compag.2020.105251

Jonathan, K. (2020). *Ethereum Blockchain Based E-Voting System For Decentralized And Secure Elections*. https://etd.repository.ugm.ac.id/penelitian/detail/194850

Kodali, R. K., & Mandal, S. (2016). IoT Based Weather Station. *2016 International Conference on Control, Instrumentation, Communication and Computational Technologies*, 680–683.

Kosba, A., Miller, A., Shi, E., Wen, Z., & Papamanthou, C. (2016). Hawk: The Blockchain Model of Cryptography and Privacy-Preserving Smart Contracts. *Proceedings - 2016 IEEE Symposium on Security and Privacy, SP 2016*, 839–858. https://doi.org/10.1109/SP.2016.55

Kumar, V., Ramesh, C., & Storing, ". (2019). *Storing IOT Data Securely in a Private Ethereum Blockchain Storing IOT Data Securely in a Private Ethereum Blockchain Repository Citation Repository Citation*. https://doi.org/10.34917/15778410

Lin, I. C., & Liao, T. C. (2017). A survey of blockchain security issues and challenges. *International Journal of Network Security*, *19*(5), 653–659. https://doi.org/10.6633/IJNS.201709.19(5).01

Mabruroh, A. M., Dewanta, F., & Wardana, A. A. (2021). Implementasi Ethereum Blockchain dan Smart Contract pada Jaringan Smart Energy Meter. In *Implementasi Ethereum Blockchain dan Smart Contract pada Jaringan Smart Energy Meter JURNAL MULTINETICS* (Vol. 7, Issue 1).

Mollah, M. B., Zhao, J., Niyato, D., Lam, K. Y., Zhang, X., Ghias, A. M. Y. M., Koh, L. H., & Yang, L. (2021). Blockchain for Future Smart Grid: A Comprehensive Survey. In *IEEE Internet of Things Journal* (Vol. 8, Issue 1, pp. 18–43). Institute of Electrical and Electronics Engineers Inc. https://doi.org/10.1109/JIOT.2020.2993601

Moubarak, J., Filiol, E., & Chamoun, M. (2018). On Blockchain Security and Relevant Attacks. *2018 IEEE Middle East and North Africa Communications Conference (MENACOMM) : 18-20 April 2018.*

Priscilla, C. V., & Devasena, T. (2021). Aadhaar Identity System using Blockchain Technology. In *International Journal of Computer Applications* (Vol. 174, Issue 26).

Roman, V., & Ordieres-Mere, J. (2019). IoT Blockchain Technologies for Smart Sensors Based on Raspberry Pi. *Proceedings - IEEE 11th International Conference on Service-Oriented Computing and Applications, SOCA 2018*, 216–220. https://doi.org/10.1109/SOCA.2018.00038

Saputra, F., Ryana Suchendra, D., & Ikhsan Sani, M. (2020). Implementasi Sistem Sensor Dht22 Untuk Menstabilkan Suhu Dan Kelembapan Berbasis Mikrokontroller Nodemcu Esp8266 Pada Ruangan Implementation Of Dht22. *Proceeding of Applied Science*, *6*(2), 1977.

Shashidhara, K. S., Pradeep Kumar, S., Ganjihal, V. B., Phatate, S. S., Shetty, S. S., & Vinay, R. (2022). IoT Enabled Weather Monitoring System. *2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022*. https://doi.org/10.1109/NKCon56289.2022.10126649

Smith, C., Richards, S., & Joshua. (2023, April 13). *Intro to Ethereum*. Ethereum.Org.

Suliman, A., Husain, Z., Abououf, M., Alblooshi, M., & Salah, K. (2019). Monetization of IoT data using smart contracts. *IET Networks*, *8*(1), 32–37. https://doi.org/10.1049/iet-net.2018.5026

The Solidity Author. (2023). *Solidity*. Ethereum.Org.

Wang, H., & Zhang, J. (2019). Blockchain Based Data Integrity Verification for Large-Scale IoT Data. *IEEE Access*, *7*, 164996–165006. https://doi.org/10.1109/ACCESS.2019.2952635

Wang, T., Liu, X., Guo, S., Han, B., & Yang, W. (2022). Blockchain and IoT based traceability system for agricultural products. *2022 3rd International Conference on Computer Vision, Image and Deep Learning and International Conference on Computer Engineering and Applications, CVIDL and ICCEA 2022*, 316–321. https://doi.org/10.1109/CVIDLICCEA56201.2022.9824731

Yiyang, C., & Takashio, K. (2021). A Feasibility Study of An Intelligent Environmental Monitoring System Based On The Ethereum Blockchains. *International Conference on ICT Convergence*, *2021-October*, 435–439. https://doi.org/10.1109/ICTC52510.2021.9621007