# **REFERENCES**

|  |  |
| --- | --- |
| [1] | MMH, “Gartner’s Hype Cycle: IoT in “trough” but transformational stage on the way,” 9 September 2020. [Online]. Available: https://www.mmh.com/article/gartners\_hype\_cycle\_iot\_in\_trough\_but\_transformational\_stage\_on\_the\_way. |
| [2] | IETF, “RFC 7252 - The Constrained Application Protocol (CoAP),” [Online]. Available: https://datatracker.ietf.org/doc/html/rfc7252. |
| [3] | Hewlett Packard Enterprise, “IPSO Object Reference Guide,” [Online]. Available: https://techlibrary.hpe.com/docs/otlink-wo/IPSO-Object-Reference-Guide.html. |
| [4] | IETF, “RFC 7049 - Concise Binary Object Representation (CBOR),” [Online]. Available: https://datatracker.ietf.org/doc/html/rfc7049. |
| [5] | K. D. Foote, “A Brief History of the Internet of Things,” [Online]. Available: https://www.dataversity.net/brief-history-internet-things/#. |
| [6] | Connectivity Standards Alliance, “Build With Matter,” [Online]. Available: https://csa-iot.org/all-solutions/matter/. |
| [7] | NIST, “Lightweight Cryptography,” [Online]. Available: https://csrc.nist.gov/Projects/lightweight-cryptography. |
| [8] | Kaspersky, “Cryptography Definition,” [Online]. Available: https://www.kaspersky.com/resource-center/definitions/what-is-cryptography. |
| [9] | P. Wackerow, “Nodes and Clients,” [Online]. Available: https://ethereum.org/en/developers/docs/nodes-and-clients/. |
| [10] | C. Smith, “Blocks,” [Online]. Available: https://ethereum.org/en/developers/docs/blocks/. |
| [11] | T. Batra, “Transactions,” [Online]. Available: https://ethereum.org/en/developers/docs/transactions/#types-of-transactions. |
| [12] | Joshua, “Introduction to Smart Contracts,” [Online]. Available: https://ethereum.org/en/developers/docs/smart-contracts/. |
| [13] | MQTT, “MQTT,” [Online]. Available: https://mqtt.org/. |
| [14] | Amazon, “Pub/Sub Messaging,” [Online]. Available: https://aws.amazon.com/pub-sub-messaging/. |
| [15] | Docker, “Docker overview,” [Online]. Available: https://docs.docker.com/get-started/overview/. |
| [16] | J. Fong, “Are Containers Replacing Virtual Machines?,” [Online]. Available: https://www.docker.com/blog/containers-replacing-virtual-machines/. |
| [17] | M. v. Neerven, “Cloud Platforms and the Application Development Paradigm Shift,” [Online]. Available: https://www.linkedin.com/pulse/cloud-platforms-application-development-paradigm-marc-van-neerven/. |
| [18] | A. Geron, Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow, O'Reilly. |
| [19] | K. Sovani, “Understanding ESP32’s Security Features,” [Online]. Available: https://blog.espressif.com/understanding-esp32s-security-features-14483e465724. |
| [20] | C. Greenberg, “How Tech Manufacturers Can Manage Price Sensitivity Amid Disruption,” 5 July 2020. [Online]. Available: https://www.supplychainbrain.com/blogs/1-think-tank/post/31611-how-tech-manufacturers-can-manage-price-sensitivity-amid-disruption. |
| [21] | ESP-IDF, “Build System,” [Online]. Available: https://docs.espressif.com/projects/esp-idf/en/latest/esp32/api-guides/build-system.html. |
| [22] | Solidity, “Contract ABI Specification,” [Online]. Available: https://docs.soliditylang.org/en/v0.8.13/abi-spec.html. |
| [23] | Solidity, “Types,” [Online]. Available: https://docs.soliditylang.org/en/v0.4.21/types.html. |