

## DAFTAR PUSTAKA

- Al-Sarawi, S., Anbar, M., Alieyan, K., & Alzubaidi, M. (2017). Internet of Things (IoT) communication protocols: Review. *ICIT 2017 - 8th International Conference on Information Technology, Proceedings*. <https://doi.org/10.1109/ICITECH.2017.8079928>
- Alreshidi, A., & Ahmad, A. (2019). Architecting software for the Internet of Thing based systems. In *Future Internet* (Vol. 11, Issue 7). <https://doi.org/10.3390/fi11070153>
- Amazon Web Services. (2021). *AWS Device Farm Developer Guide*. <https://docs.aws.amazon.com/devicefarm/latest/developerguide/devicefarm-dg.pdf>
- Amirante, A., Castaldi, T., Gouaillard, A., Miniero, L., Murillo, S. G., & Romano, S. P. (2017). Bringing privacy to the Janus Gateway: The perc way. *2017 Principles, Systems and Applications of IP Telecommunications, IPTComm 2017, 2017-September*. <https://doi.org/10.1109/IPTCOMM.2017.8169749>
- Aniche, M., Treude, C., & Zaidman, A. (2021). *How Developers Engineer Test Cases: An Observational Study*.
- Biruk, F. (2021). *Adopting and Performance Evaluation of WebRTC-based cloud CPaaS: In the case of Ethio telecom*. ASTU.
- Cass, S. (2020). Nvidia makes it easy to embed AI: The Jetson nano packs a lot of machine-learning power into DIY projects - [Hands on]. *IEEE Spectrum*, 57(7). <https://doi.org/10.1109/MSPEC.2020.9126102>
- Chalapathi, G. S. S., Chamola, V., Vaish, A., & Buyya, R. (2021). Industrial internet of things (iiot) applications of edge and fog computing: A review and future directions. In *Advances in Information Security* (Vol. 83). [https://doi.org/10.1007/978-3-030-57328-7\\_12](https://doi.org/10.1007/978-3-030-57328-7_12)
- Chu, S. (2020). *Shopify Upsell App: Using Next.js, React.js to boost sale*.
- Daund, S., Jagtap, P., Chaudhari, R., Joshi, P., & Ravikumar, T. (2016). *Controlling and Monitoring Home Appliances Using Android Smart Phone*.
- El-Migid, M.-A. A., Cai, D., Niven, T., Vo, J., Madampe, K., Grundy, J., & Hoda, R. (2021). *Emotimonitor: A Trello Power-Up to Capture Emotions of Agile Teams*.
- Hussen, A. A. (2019). *Using Arduino Software to Design Radar (Sonar) System*.
- Ibhaze, A. E., Edeko, F. O., & Orukpe, P. E. (2020). A Signal Amplification-based Transceiver for Visible Light Communication. *Journal of Engineering*, 26(11). <https://doi.org/10.31026/j.eng.2020.11.08>
- Jansen, B., Goodwin, T., Gupta, V., Kuipers, F., & Zussman, G. (2018). Performance evaluation of WebRTC-based video conferencing. *Performance Evaluation Review*, 45(3). <https://doi.org/10.1145/3199524.3199534>
- Joshi, D. S. A., Kolvekar, S., Raj, Y. R., & Singh, S. S. (2016). IoT Based Smart Energy Meter. *Bonfring International Journal of Research in Communication Engineering*, 6(Special Issue). <https://doi.org/10.9756/bijrce.8209>
- Khalid, A. (2016). Internet of Thing Architecture and Research Agenda. *International Journal of Computer Science and Mobile Computing*, 53(3).

- Koningstein, M., & Azadegan, S. (2021). Participatory video for two-way communication in research for development. *Action Research*, 19(2). <https://doi.org/10.1177/1476750318762032>
- Leow, R. (2018). *WebRTC-based Video Quality of Experience Evaluation of the Janus Streaming Plugin: Integrating Video Door Systems and WebRTC-Supported Browsers*.
- Li, J., Deng, J., & Zhi, P. (2020). The design of an artificial intelligence service assistant. *Journal of Physics: Conference Series*, 1486(3). <https://doi.org/10.1088/1742-6596/1486/3/032011>
- Newmarch, J. (2017). Linux Sound Programming. In *Linux Sound Programming*. <https://doi.org/10.1007/978-1-4842-2496-0>
- Patel, B., & Tarpara, B. (2015). Design and Implementation of General Purpose Input Output ( GPIO ) Protocol. *International Journal of Scientific Engineering and Applied Science*, 1(3).
- Patil, S., Vijayalashmi, M., & Tapaskar, R. (2017). SOLAR ENERGY MONITORING SYSTEM USING IoT. *Indian J.Sci.Res*, 15(2).
- Puigpelat Barrado, I. (2018). *Real-Time Communication applied to Orchestration Graphs*. Universitat Politècnica de Catalunya.
- Putra, V. G. V., Wijayono, A., Purnomosari, E., Ngadiono, N., & Irwan, I. (2019). Metode Pengukuran Kapasitansi Dengan Menggunakan Mikrokontroler Arduino Uno. *JIPFRI (Jurnal Inovasi Pendidikan Fisika Dan Riset Ilmiah)*, 3(1). <https://doi.org/10.30599/jipfri.v3i1.425>
- Raspberry Pi Trading Ltd. (2019). *Raspberry Pi 4 Computer Model B*. <https://static.raspberrypi.org/files/product-briefs/Raspberry-Pi-4-Product-Brief.pdf>
- Roihan, A., Kusumah, H., & Permana, A. (2019). Prototype Fast Tracking of Detection Offenders Smoking Zone Berbasis Internet of Things. *Informatika Mulawarman : Jurnal Ilmiah Ilmu Komputer*, 13(2). <https://doi.org/10.30872/jim.v13i2.1304>
- Sano, C., Gao, C., Li, Z., Ling, Z., & Fu, X. (2018). Turning legacy IR devices into smart IoT devices. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10874 LNCS. [https://doi.org/10.1007/978-3-319-94268-1\\_34](https://doi.org/10.1007/978-3-319-94268-1_34)
- Shrestha, U. (2020). *Implementing API in ReactJS*.
- Štrucelj, L. (2021). *Mobilna aplikacija za naručivanje usluga zasnovana na React Native platformi*. University of Pula. Faculty of Informatics in Pula.
- Tandel, S. J. A. (2018). Impact of progressive web apps on web app development. *International Journal of Innovative Research in Science, Engineering and Technology*, 7(9).
- Vishay. (2021). *High Power Infrared Emitting Diode, 940 nm, GaAlAs, MQW*. <https://www.vishay.com/docs/81011/tsal6400.pdf>