

DAFTAR PUSTAKA

- [1] M. Chandra, M. Sandeep, P. P. Kumar Reddy, and R. S. Kumar Reddy, "Door Lock System Using HumanFaces With ESP32-CAM," in *2023 Fourth International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE)*, Bengaluru, India: IEEE, Dec. 2023, pp. 1–5. doi: 10.1109/ICSTCEE60504.2023.10584952.
- [2] S. Jeong, "Design on Novel Door Lock Using Minimizing Physical Exposure and Fingerprint Recognition Technology," *JOIV Int. J. Inform. Vis.*, vol. 6, no. 1, p. 103, Mar. 2022, doi: 10.30630/joiv.6.1.858.
- [3] S. Wankhade, S. Gurbhele, D. Apage, C. Bore, and MCT's Rajiv Gandhi Institute of Technology, "SMART DOOR LOCK SYSTEM USING BLOCKCHAIN BASED ON SOLANA TECHNOLOGY," *Int. J. Eng. Appl. Sci. Technol.*, vol. 8, no. 3, pp. 85–88, Jul. 2023, doi: 10.33564/IJEAST.2023.v08i03.011.
- [4] S. Ramesh et al., "Listen to your key: Towards acoustics-based physical key inference," *J. Acoust. Soc. Am.*, vol. 155, no. 3_Supplement, pp. A69–A69, Mar. 2024, doi: 10.1121/10.0026832.
- [5] S. C. M. Sundararajan, B. Ashwinkumar, S. H. P. R, and G. B, "BLOCKCHAIN-ENABLED SECURITY LOCK SYSTEM USING IOT," Apr. 10, 2023. doi: 10.36227/techrxiv.22569235.v1.
- [6] S. Chakkaravarthy Sethuraman, A. Mitra, K.-C. Li, A. Ghosh, M. Gopinath, and N. Sukhija, "Loki: A Physical Security Key Compatible IoT Based Lock for Protecting Physical Assets," *IEEE Access*, vol. 10, pp. 112721–112730, 2022, doi: 10.1109/ACCESS.2022.3216665.
- [7] G. M. Nikolopoulos and E. Diamanti, "Continuous-variable quantum authentication of physical unclonable keys," *Sci. Rep.*, vol. 7, no. 1, p. 46047, Apr. 2017, doi: 10.1038/srep46047.
- [8] M. A. Prada-Delgado, A. Vazquez-Reyes, and I. Baturone, "Physical unclonable keys for smart lock systems using Bluetooth Low Energy," in *IECON 2016 - 42nd Annual Conference of the IEEE Industrial Electronics Society*, Florence, Italy: IEEE, Oct. 2016, pp. 4808–4813. doi: 10.1109/IECON.2016.7792955.
- [9] A. Wahid, R. Hidayat, and M. Riska, "Mobile App for IoT-Based Home Security System with Fingerprint Access Control," *Internet Things Artif. Intell. J.*, vol. 4, no. 2, pp. 274–288, May 2024, doi: 10.31763/iota.v4i2.732.
- [10] L. Akter, K. Akter, M. N. Sakib, and Jargis Ahmed, "IoT-based Smart Home Monitoring and Automation System Using Android Application," *GUB J. Sci. Eng.*, vol. 10, no. 1, pp. 86–95, Jul. 2024, doi: 10.3329/gubjse.v10i1.74949.
- [11] Adnan Buyung Nasution, A. Y. Nugroho, H. Gunawan, and R. E. Sari, "Development of an IoT Based Smart Door System with Access Control via WhatsApp," *Indones. J. Appl. Ind. Sci. ESA*, vol. 3, no. 1, pp. 87–94, Jan. 2024, doi: 10.55927/esa.v3i1.7815.
- [12] Perfecto R. Ruaya, Jr., "Smart Lock Technology: Developing and Enhancing Home Security using Android-Based Controlled Door Locking App's," *Int. J. Adv. Res. Sci. Commun. Technol.*, pp. 538–547, Jul. 2023, doi: 10.48175/IJARSCT-12176.
- [13] F. E. Ananda, S. Haurameuthia, D. Widhiantoro, and M. I. Tejasumirat, "Perancangan Smart Locker dengan Implementasi Sistem IoT dan Aplikasi

- Mobile Android,” *Electr. J. Rekayasa Dan Teknol. Elektro*, vol. 17, no. 1, pp. 92–99, Jan. 2023, doi: 10.23960/elc.v17n1.2421.
- [14] A. N. Mas Erwan, M. N. H. Muzaffar Alfian, and M. S. Mohamad Adenan, “Smart Door Lock,” *Int. J. Recent Technol. Appl. Sci.*, vol. 3, no. 1, pp. 1–15, Mar. 2021, doi: 10.36079/lamintang.ijortas-0301.194.
- [15] Y. Chhabra and A. Jadhav Bhatt, “IoT Networks,” in *Network Optimization in Intelligent Internet of Things Applications*, 1st ed., Boca Raton: Chapman and Hall/CRC, 2024, pp. 3–18. doi: 10.1201/9781003405535-2.
- [16] M. Ashfaq and S. Nur, “IoT Sensor Networks- Orchestrating Connectivity, Efficiency, and Intelligence Across Diverse Domains,” *Int. J. Innov. Res. Comput. Sci. Technol.*, vol. 12, no. 3, pp. 154–161, May 2024, doi: 10.55524/ijrcst.2024.12.3.26.
- [17] Adeleye Adewuyi *et al.*, “The convergence of cybersecurity, Internet of Things (IoT), and data analytics: Safeguarding smart ecosystems,” *World J. Adv. Res. Rev.*, vol. 23, no. 1, pp. 379–394, Jul. 2024, doi: 10.30574/wjarr.2024.23.1.1993.
- [18] M. A. Hoque and C. Davidson, “Design and Implementation of an IoT-Based Smart Home Security System:,” *Int. J. Networked Distrib. Comput.*, vol. 7, no. 2, p. 85, 2019, doi: 10.2991/ijndc.k.190326.004.
- [19] Dr. R. Panchal and Dr. K. Santhi, Eds., “IOT IN THE MODERN WORLD,” in *Futuristic Trends in Computing Technologies and Data Sciences Volume 3 Book 8*, First., Iterative International Publishers, Selfypage Developers Pvt Ltd, 2024, pp. 284–290. doi: 10.58532/V3BKCT8P4CH2.
- [20] B. Farooq, “Privacy and Security Issues in Smart Homes in an IoT Environment,” in *Internet of Things Vulnerabilities and Recovery Strategies*, 1st ed., New York: Auerbach Publications, 2024, pp. 285–303. doi: 10.1201/9781003474838-16.
- [21] F. Su and L. Geng, “Design of remote monitoring system for Smart home,” in *2024 IEEE 7th Advanced Information Technology, Electronic and Automation Control Conference (IAEAC)*, Chongqing, China: IEEE, Mar. 2024, pp. 1663–1666. doi: 10.1109/IAEAC59436.2024.10503936.
- [22] Abdulahi Akintayo Taiwo *et al.*, “Intelligent transportation system leveraging Internet of Things (IoT) Technology for optimized traffic flow and smart urban mobility management,” *World J. Adv. Res. Rev.*, vol. 22, no. 3, pp. 1509–1517, Jun. 2024, doi: 10.30574/wjarr.2024.22.3.1886.
- [23] D. N. Ayu Pramita and W. Sardjono, “The Role and Benefits of Innovative Technology in Using The Internet of Things (IOT) Towards Industrial Revolution 4.0,” *Dinasti Int. J. Educ. Manag. Soc. Sci.*, vol. 5, no. 5, pp. 1177–1183, Jun. 2024, doi: 10.38035/dijemss.v5i5.2788.
- [24] T. Paliwal, A. Sikdar, and Z. Kachhi, “Integration of Advanced Technologies for Industry 4.0,” in *AI-Driven IoT Systems for Industry 4.0*, 1st ed., Boca Raton: CRC Press, 2024, pp. 114–142. doi: 10.1201/9781003432319-8.
- [25] Prof. Jadhav Vrushali Kailas, Prof. Bhangare Swati Nivrutti, and Prof. Barahate Shital Atul, “A Detailed Study of An Internet of Things (IoT): Review, Recent Research Directions and Complete Journey Towards Sustainable and Smart Future,” *Int. J. Adv. Res. Sci. Commun. Technol.*, pp. 572–578, Aug. 2024, doi: 10.48175/IJARSCT-19373.
- [26] V. Mazurenko, “ASSESSMENT OF ESP32 MICROCONTROLLER COMPLIANCE WITH INTERNATIONAL STANDARDS OF CYBER SECURITY FOR INTERNET OF

- THINGS,” *Int. Sci. Tech. Conf. Inf. Technol. Metall. Mach. Build.*, pp. 367–371, Apr. 2024, doi: 10.34185/1991-7848.itmm.2024.01.070.
- [27] B. Amulya, D. Bhargavi, N. Ankita, and R. G. Lavan, “Research on An IOT Based Smart E-Fuel Station using ESP-32,” *Int. J. Res. Appl. Sci. Eng. Technol.*, vol. 12, no. 5, pp. 4920–4924, May 2024, doi: 10.22214/ijraset.2024.62729.
- [28] G. A. Ezer, “Breaking the I/O bottleneck for high-compute performance processing with Xtensa LX configurable and extensible processor architecture,” presented at the Electronic Imaging 2005, S. Sudharsanan, V. M. Bove, Jr., and S. Panchanathan, Eds., San Jose, CA, Mar. 2005, p. 32. doi: 10.1117/12.586013.
- [29] M. Nailurrohman, F. Santoso, and A. Baijuri, “Rancang Bangun Sistem Smart Key Pada Sepeda Motor Menggunakan Mikrokontroler Esp32 dan Android Via Bluetooth,” *G-Tech J. Teknol. Terap.*, vol. 8, no. 3, pp. 1759–1768, Jul. 2024, doi: 10.33379/gtech.v8i3.4552.
- [30] N. Cameron, “ESP32 Microcontroller,” in *ESP32 Formats and Communication*, in Maker Innovations Series. , Berkeley, CA: Apress, 2023, pp. 1–54. doi: 10.1007/978-1-4842-9376-8_1.
- [31] I. M. Adrian Pramuditya, I. G. A. P. Raka Agung, and P. Rahardjo, “RANCANG BANGUN ALAT UJI PERIFERAL ESP32 DEVKIT V1 - DOIT 30 PIN,” *J. SPEKTRUM*, vol. 10, no. 4, p. 340, Dec. 2023, doi: 10.24843/SPEKTRUM.2023.v10.i04.p39.
- [32] M. J. Espinosa-Gavira, A. Agüera-Pérez, J. C. Palomares-Salas, J. M. Sierra-Fernandez, P. Remigio-Carmona, and J. J. González de-la-Rosa, “Characterization and Performance Evaluation of ESP32 for Real-time Synchronized Sensor Networks,” *Procedia Comput. Sci.*, vol. 237, pp. 261–268, 2024, doi: 10.1016/j.procs.2024.05.104.
- [33] K. Dokic, “MicroPython or Arduino C for ESP32 - Efficiency for Neural Network Edge Devices,” in *Intelligent Computing Systems*, vol. 1187, C. Brito-Loeza, A. Espinosa-Romero, A. Martin-Gonzalez, and A. Safi, Eds., in Communications in Computer and Information Science, vol. 1187. , Cham: Springer International Publishing, 2020, pp. 33–43. doi: 10.1007/978-3-030-43364-2_4.
- [34] A. S. A. AlMadhoun, “Microcontroller,” in *Circuit Design and Simulation Quick Start Guide*, in Maker Innovations Series. , Berkeley, CA: Apress, 2023, pp. 1–55. doi: 10.1007/978-1-4842-9582-3_1.
- [35] Y. Goyal, “Comparative Study of Microcontoller: ARDUINO UNO, RASPBERRY PI 4, ESP 32,” *Int. J. Res. Appl. Sci. Eng. Technol.*, vol. 12, no. 7, pp. 588–592, Jul. 2024, doi: 10.22214/ijraset.2024.63598.
- [36] M. Alfonsia Sanci and A. Astriany Rizky, “PERANCANGAN KUNCI PINTU OTOMATIS PADA RUANG SENTRAL TELEKOMUNIKASI (STO) DI TELKOM MENGGUNAKAN SOLENOID DOOR LOCK DAN TOUCH SENSOR BERBASIS ARDUINO UNO,” *INFOKOM Inform. Komput.*, vol. 10, no. 2, pp. 60–73, Feb. 2023, doi: 10.56689/infokom.v10i2.967.
- [37] A. Hazarah, “RANCANG BANGUN SMART DOOR LOCK MENGGUNAKAN QR CODE DAN SOLENOID,” *J. Teknol. Inf. Dan Terap.*, vol. 4, no. 1, pp. 5–10, Mar. 2019, doi: 10.25047/jtit.v4i1.14.
- [38] R. W. Tambunan, A. A. Ar-Rafif, and M. Galina, “Multi-Security System Based on RFID Fingerprint and Keypad to Access the Door,” *ELKHA*, vol. 14, no. 2, p. 125, Oct. 2022, doi: 10.26418/elkha.v14i2.57735.

- [39] A. Ahmed, S. Abdulkadir, J. Mohamed, S. A. Ali, M. Abdi, and S. A. Kahie, "Design and Implementation of an IoT based Smart Door Lock System," in *2023 2nd International Conference on Multidisciplinary Engineering and Applied Science (ICMEAS)*, Abuja, Nigeria: IEEE, Nov. 2023, pp. 1–6. doi: 10.1109/ICMEAS58693.2023.10379324.
- [40] S. Achmady, L. Qadriah, and A. Auzan, "RANCANG BANGUN MAGNETIC SOLENOID DOOR LOCK DENGAN SPEECH RECOGNITION MENGGUNAKAN NODEMCU BERBASIS ANDROID," *J. Real Ris.*, vol. 4, no. 2, pp. 79–91, Jul. 2022, doi: 10.47647/jrr.v4i2.636.
- [41] S. Bhoyate, "Analysis Of Android Programming Languages Based On Several Factors," *J. Adv. Zool.*, pp. 73–76, Mar. 2024, doi: 10.53555/jaz.v45iS4.4153.
- [42] G. Md. Muradul Bashir, Md. S. Hossen, D. Karmoker, and Md. J. Kamal, "Android Apps Success Prediction Before Uploading on Google Play Store," in *2019 International Conference on Sustainable Technologies for Industry 4.0 (STI)*, Dhaka, Bangladesh: IEEE, Dec. 2019, pp. 1–6. doi: 10.1109/STI47673.2019.9068071.
- [43] M. Goel and G. Singal, "Android OS CASE STUDY," 2021, *arXiv*. doi: 10.48550/ARXIV.2104.09487.
- [44] H. Hu, R. Dong, J. Grundy, T. M. Nguyen, H. Liu, and C. Chen, "Automated Mapping of Adaptive App GUIs from Phones to TVs," 2023, *arXiv*. doi: 10.48550/ARXIV.2307.12522.
- [45] W. Qi and J. Xue, "Visual Design of Smartphone APP Interface Based on User Experience," *Comput.-Aided Des. Appl.*, vol. 17, no. S2, pp. 89–99, Jan. 2020, doi: 10.14733/cadaps.2020.S2.89-99.
- [46] K. Milojković, M. Živković, and N. Bačanin Džakula, "Agile Multi-user Android Application Development With Firebase: Authentication, Authorization, and Profile Management," in *Proceedings of the International Scientific Conference - Sinteza 2024*, Beograd, Serbia: Singidunum University, 2024, pp. 405–412. doi: 10.15308/Sinteza-2024-405-412.
- [47] H. Dham, T. Dubey, K. Khandelwal, K. Soni, and P. Chawla, "Development of Android Applications and Its Security," in *Emerging Technologies in Data Mining and Information Security*, vol. 1348, P. Dutta, A. Bhattacharya, S. Dutta, and W.-C. Lai, Eds., in *Advances in Intelligent Systems and Computing*, vol. 1348. , Singapore: Springer Nature Singapore, 2023, pp. 599–609. doi: 10.1007/978-981-19-4676-9_52.
- [48] Oluwayemisi Runsewe, Olajide Soji Osundare, Samuel Olaoluwa Folorunsho, and Lucy Anthony Akwawa, "Innovations in android mobile computing: a review of best practices and emerging technologies," *World J. Adv. Res. Rev.*, vol. 23, no. 2, pp. 2687–2697, Aug. 2024, doi: 10.30574/wjarr.2024.23.2.2634.
- [49] Q. Feng, H. Ji, X. Ma, and P. Liang, "Cross-Language Dependencies: An Empirical Study of Kotlin-Java," 2024, *arXiv*. doi: 10.48550/ARXIV.2405.04602.
- [50] S. Bin Uzayr, *Mastering Kotlin: A Beginner's Guide*, 1st ed. Boca Raton: CRC Press, 2022. doi: 10.1201/9781003311904.
- [51] T. Hagos, "Functions," in *Beginning Kotlin*, Berkeley, CA: Apress, 2023, pp. 55–75. doi: 10.1007/978-1-4842-8698-2_3.

- [52] D. Sulowski and G. Kozieł, "Comparative analysis of Kotlin and Java languages used to create applications for the Android system," *J. Comput. Sci. Inst.*, vol. 13, pp. 354–358, Dec. 2019, doi: 10.35784/jcsi.1332.
- [53] A. Sharma, "Android app development using Kotlin programming language," presented at the INSTRUMENTATION ENGINEERING, ELECTRONICS AND TELECOMMUNICATIONS – 2021 (IIEET-2021): Proceedings of the VII International Forum, Izhevsk, Russian Federation, 2023, p. 020099. doi: 10.1063/5.0130782.
- [54] Y. Kozub, H. Kozub, and Luhansk Taras Shevchenko National University, "FEATURES OF MULTIPLATFORM APPLICATION DEVELOPMENT ON KOTLIN," *Her. Khmelnytskyi Natl. Univ. Tech. Sci.*, vol. 317, no. 1, pp. 224–229, Feb. 2023, doi: 10.31891/2307-5732-2023-317-1-224-229.
- [55] S. Marchenko, "Jetpack Compose: new approaches to Android UI development," in *INFORMATION TECHNOLOGIES AND MANAGEMENT IN HIGHER EDUCATION AND SCIENCES. PART 2*, Baltija Publishing, 2022, pp. 281–284. doi: 10.30525/978-9934-26-277-7-160.
- [56] C. Diantoni, O. Komarudin, and A. Rizal, "ARSITEKTUR MVVM DAN FRAMEWORK JETPACK COMPOSE PADA PENGEMBANGAN APLIKASI ANDROID: STUDI KASUS: APLIKASI SUKACOLAB," *JATI J. Mhs. Tek. Inform.*, vol. 8, no. 3, pp. 3216–3224, May 2024, doi: 10.36040/jati.v8i3.9638.
- [57] I. Journal, "Real-time Database Synchronization Techniques in Firebase for Mobile App Development," *INTERANTIONAL J. Sci. Res. Eng. Manag.*, vol. 07, no. 12, pp. 1–10, Dec. 2023, doi: 10.55041/IJSREM22021.
- [58] R. Kesavan, D. Gay, D. Thevessen, J. Shah, and C. Mohan, "Firestore: The NoSQL Serverless Database for the Application Developer," in *2023 IEEE 39th International Conference on Data Engineering (ICDE)*, Anaheim, CA, USA: IEEE, Apr. 2023, pp. 3376–3388. doi: 10.1109/ICDE55515.2023.00259.
- [59] C. Khawas and P. Shah, "Application of Firebase in Android App Development-A Study," *Int. J. Comput. Appl.*, vol. 179, no. 46, pp. 49–53, Jun. 2018, doi: 10.5120/ijca2018917200.
- [60] P. R. Saraf, "A Review on Firebase (Backend as A Service) for Mobile Application Development," *Int. J. Res. Appl. Sci. Eng. Technol.*, vol. 10, no. 1, pp. 967–971, Jan. 2022, doi: 10.22214/ijraset.2022.39958.
- [61] G. Corbellini, S. Schmid, and S. Mangold, "Two-Way Communication Protocol using Bluetooth Low Energy Advertisement Frames," in *Proceedings of the 1st International Workshop on Experiences with the Design and Implementation of Smart Objects*, Paris France: ACM, Sep. 2015, pp. 19–24. doi: 10.1145/2797044.2797049.
- [62] G. Shan, G. Choi, and B.-H. Roh, "Bluetooth Low Energy-based Adaptive Scheme for IoT Services," in *2023 Fourteenth International Conference on Ubiquitous and Future Networks (ICUFN)*, Paris, France: IEEE, Jul. 2023, pp. 573–575. doi: 10.1109/ICUFN57995.2023.10199894.
- [63] USA and A. Shukla, "Cloud-Based Lightweight Modern Integrated Development Environments (IDEs) and their Future," *J. Artif. Intell. Cloud Comput.*, pp. 1–3, Feb. 2024, doi: 10.47363/JAICC/2024(3)218.

- [64] I. Zayour and H. Hajjdiab, "How Much Integrated Development Environments (IDEs) Improve Productivity?," *J. Softw.*, vol. 8, no. 10, pp. 2425–2431, Oct. 2013, doi: 10.4304/jsw.8.10.2425-2431.
- [65] N. Ioannou, K. Tatas, A. Constantinides, and C. Kyriacou, "WIDE: Worksheet Integrated Development Environment for Arduino-Based Embedded System Design," in *2024 13th International Conference on Modern Circuits and Systems Technologies (MOCAST)*, Sofia, Bulgaria: IEEE, Jun. 2024, pp. 1–5. doi: 10.1109/MOCAST61810.2024.10615940.
- [66] F. Asadi, "Introduction to Arduino Boards," in *Essentials of Arduino™ Boards Programming*, in Maker Innovations Series. , Berkeley, CA: Apress, 2023, pp. 1–31. doi: 10.1007/978-1-4842-9600-4_1.
- [67] M. Papoutsidakis, A. Chatzopoulos, C. Drosos, and K. Kalovrextis, "An Arduino Family Controller and its Interactions via an Intelligent Interface," *Int. J. Comput. Appl.*, vol. 179, no. 30, pp. 5–8, Mar. 2018, doi: 10.5120/ijca2018916684.
- [68] A. S. A. AlMadhoun, "Arduino Serial Monitor," in *Circuit Design and Simulation Quick Start Guide*, in Maker Innovations Series. , Berkeley, CA: Apress, 2023, pp. 163–176. doi: 10.1007/978-1-4842-9582-3_10.
- [69] "Application of Arduino Devices in various IOT Application," *Renew. Nonrenewable Energy*, pp. 39–45, Jun. 2022, doi: 10.46632/rne/1/1/7.
- [70] O. E. Amestica, P. E. Melin, C. R. Duran-Faundez, and G. R. Lagos, "An Experimental Comparison of Arduino IDE Compatible Platforms for Digital Control and Data Acquisition Applications," in *2019 IEEE CHILEAN Conference on Electrical, Electronics Engineering, Information and Communication Technologies (CHILECON)*, Valparaiso, Chile: IEEE, Nov. 2019, pp. 1–6. doi: 10.1109/CHILECON47746.2019.8986865.
- [71] N. Yusop, N. A. Moketar, and S. F. N. Sadikan, "Development of Arduino applications for IoT applications in software engineering education: a systematic literature review," *Bull. Electr. Eng. Inform.*, vol. 13, no. 3, pp. 1824–1831, Jun. 2024, doi: 10.11591/eei.v13i3.4506.
- [72] R. Dodda, M. R. Yanala, and S. Pavishetti, "Notes Application using Android Studio and Cloud-based Data Management," in *2024 International Conference on Inventive Computation Technologies (ICICT)*, Lalitpur, Nepal: IEEE, Apr. 2024, pp. 1427–1436. doi: 10.1109/ICICT60155.2024.10544593.
- [73] C. Chaubey and A. Sharma, "The integrated development environment (IDE) for application development: Android studio and its tools," presented at the INSTRUMENTATION ENGINEERING, ELECTRONICS AND TELECOMMUNICATIONS – 2021 (IET-2021): Proceedings of the VII International Forum, Izhevsk, Russian Federation, 2023, p. 020087. doi: 10.1063/5.0116494.
- [74] Z. Du, "Review of Convolutional Neural Network," *Sci. Technol. Eng. Chem. Environ. Prot.*, vol. 1, no. 9, Oct. 2024, doi: 10.61173/1xfrez14.
- [75] Dr. M. F. Abdollah, Dr. S. V, and Dr. R. Gupta, Eds., "EXPLORING ACTIVATION FUNCTIONS: A COMPREHENSIVE STUDY ON ENHANCING CONVENTIONAL NEURAL NETWORK LEARNING," in *Futuristic Trends in Information Technology Volume 3 Book 3*, First., Iterative International Publishers, Selfpage Developers Pvt Ltd, 2024, pp. 17–26. doi: 10.58532/V3BKIT3P1CH2.

- [76] S. P and R. R, "A Review of Convolutional Neural Networks, its Variants and Applications," in *2023 International Conference on Intelligent Systems for Communication, IoT and Security (ICISCoIS)*, Coimbatore, India: IEEE, Feb. 2023, pp. 31–36. doi: 10.1109/ICISCoIS56541.2023.10100412.
- [77] S. Misal, "Hand Gesture Recognition Using Deep Learning," *Int. J. Innov. Sci. Res. Technol. IJISRT*, pp. 69–72, Aug. 2024, doi: 10.38124/ijisrt/IJISRT24AUG154.