

WILDAN TISNA SURYA NUGRAHA

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Computer Engineering graduate with hands-on experience in software and mobile application development, REST API integration, databases, Firebase, IoT systems, and basic backend development. Experienced in building end-to-end applications, troubleshooting technical issues, integrating third-party services, and collaborating across development and testing activities. Familiar with Kotlin, Flutter, Laravel, Python, Git, relational databases, and IoT technologies, with strong problem-solving skills and an interest in software engineering, application support, and general IT systems

EDUCATION

Bachelor of Engineering in Computer Engineering
Indonesia University Of Education

2022 - 2026

- **GPA: 3.83/4.00**
- **Relevant Coursework:** Embedded Systems, Internet of Things, Artificial Intelligence, Mobile Programming, Web Development, Software Engineering, Database Systems

PROJECT EXPERIENCE

Smart Lock

Aug 2023

- **Description:** The objective of this smart lock project is to allow users to lock and unlock doors remotely. The app eliminates the need for physical keys, enhancing efficiency. The system allows property owners to grant temporary access to guests or employees without duplicates. The automatic function opens and closes the door at pre-defined hours for convenience.
- **Technology:** App Inventor, Arduino IDE, PHP, ESP 8266
- **Link:** <https://basehub.me/proyek/proyek-smart-lock.html>

Media Pembelajaran Digital

Nov 2023

- **Description:** This game making project is shown to help in learning sorting and queue algorithms, by using pixel game make mv, then compiling storyboards and workflows, this game can be completed properly. the overall flow of this project has been published in the form of a journal in Sinta 4 Tekno Kompak.
- **Technology:** Pixel Game Maker MV
- **Link:** <https://basehub.me/proyek/proyek-game-education.html>

Website Jadwal Picket

Feb 2024

- **Description:** Website projects for picket schedules where before making this website it starts with a search for partners to find out what the needs of their school are. then the picket schedule website is made after knowing the needs of the partners made using Laravel both the backend and the frond end.
- **Technology:** Laravel, Bootstrap, Figma
- **Link:** <https://basehub.me/proyek/proyek-jadwal-piket.html>

Sistem Monitoring Kids Trakr Berbasis Android

Jun 2024

- **Description:** Project Monitoring is an initiative designed to simplify the process of real-time monitoring and reporting. It has been developed with an innovative approach to ensure optimal functionality and an intuitive user experience. The project has also been entered into competitions such as LIDM, demonstrating its potential as an effective solution to support monitoring needs.
- **Technology:** Flutter, Penpot, PHP, Diagflow, Python,
- **link:** <https://basehub.me/proyek/proyek-monitoring-siswa.html>

License Plate Detection

Nov 2024

- **Description:** Developed a vehicle license plate detection system using YOLOv8. The project integrates Roboflow for dataset management and uses Python for model training and data augmentation. The system is designed to be robust and efficient, capable of detecting license plates in various conditions.
- **Technology:** Python, YOLOv8, Roboflow, OpenCV, Jupyter Notebooks
- **Link:** <https://github.com/Wilimaxs/CV-LicensePlateDetection>

Aplikasi PPOB Dan Top-Up Game	Des 2024
• Description: The Android project under consideration aims to create a payment application for the purchase of credit, quota, games, and other related services. This application, known as PPOB, integrates an Android version and a website via an API. The Android version is developed using Flutter, and the website is built on Laravel. A RESTful API has been implemented, using Python to develop discount logic employing a fuzzy logic algorithm. • Technology: Flutter, Laravel, Python, Integrasi API midtrans, Integrasi API tripay • Link: https://basehub.me/proyek/proyek-ppob.html	

Aplikasi Generator Kriptografi dan Steganografi	Des - 2024
• Description: Developed an Android application to perform encryption and description, which combines cryptography and steganography to protect sensitive data during the encryption and decryption process. The application provides enhanced security by hiding encrypted data in an image media format. • Technology: Flutter, python, flask • Link: https://github.com/Wilimaxs/KriptoApp	

Aplikasi Muslim Ramadhan	Mar - 2025
• Description: The app is designed as a daily reminder during the month of Ramadan, equipped with key features such as iftar time highlights that automatically adjust to the user's location, an interactive calendar to add and organize daily events during Ramadan, as well as special alarms customized to the iftar time, providing accurate and timely reminders. • Technology: Flutter, Firebase, Aladhan API • Link: https://basehub.me/proyek/proyek-reminder.html	

WORK EXPERIENCE	
PT Telkom Indonesia - DBT Division Kidi lot (Magang)	Feb 2025 - Jul 2025
• Studied and understood IoT concepts and applications • Prepared and verified the functionality of each use case • Presented workshops to clients regarding the use of IoT devices for Smart Home, Smart Garden, and Smart Parking.	
PT Suitmedia Kreasi Indonesia - Mobile Developer Flutter (Magang)	Aug 2025 - Dec 2025
• Developed mobile applications for client projects using Flutter • Implemented GetX state management (route management, dependency injection, and reactivity) • Integrated Firebase Authentication, Crashlytics, and Analytic	
PT Suitmedia Kreasi Indonesia - Mobile Developer Flutter (Freelance)	Dec 2025 - Mar 2026
• Developed mobile applications for client projects using Flutter • Implemented GetX state management (route management, dependency injection, and reactivity)	

ORGANIZATION	
Himpunan Mahasiswa Teknik Komputer	2023 - 2024
• Staff Of Badan Urusan Rumah Tangga dan Aspirasi	
Dewan Perwakilan Mahasiswa	2024 - 2026
• Staff Of Badan Urusan Rumah Tangga	

ACHIEVEMENT	
Finalis Lomba Inovasi Digital Mahasiswa (Credential: 16433/BPTI/DIKTI/2024)	Jun 2024
Digital Literacy Certification IC3 (Credential: wd69c-H9XY)	Oct 2023
Workshop Speaker - IOT Training Smart Garden (Credential: IOT-7AE/14/UM000-A0002/I/2025)	Jun 2025
Workshop Speaker - IOT Training Smart Home (Credential: IOT-7AD/14/UM000-A0002/I/2025)	Jun 2025
Sertifikat Kepesertaan Magang Berdampak (Credential: 5244/B2/KU.07.00/2025)	Dec 2025