

AKMAL GONIYYU HARTONO

Fullstack Software Developer

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SUMMARY

Fresh graduate with a Bachelor of Applied Science (D4) student in Informatics Engineering from Politeknik Negeri Bandung with a primary interest in backend development and web development, and comfortable working fullstack when needed. Interested in designing and building clean, scalable, and maintainable systems, with a strong curiosity toward new technologies in software engineering. Comfortable working independently or in teams, using Git for version control and AI coding assistants to speed up the development process.

EXPERIENCE

PT Pindad (Persero) - Bandung

Jun – Oct 2025

Fullstack Developer, Internship (Praktik Kerja Lapangan) – Information Technology Division

Rebuilt the E-Visitor guest logbook system used at PT Pindad's Bandung and Malang facilities, replacing the previous manual visitor registration process.

Technical:

- Built the application using React (frontend) and Node.js with Express.js (backend), with PostgreSQL as the database.

EDUCATION

Politeknik Negeri Bandung (POLBAN) - Bandung

Aug 2022 – Sept 2026

Bachelor of Applied Science (D4) – Informatics Engineering

GPA: 3.47

- Final Project: Development of “Lawan PMO” Mobile Self-Regulation App Based on a Preventive-Interventive Model and Mindfulness-Based Stress Reduction to Address Problematic Pornography Use.

TECHNICAL SKILLS

- Languages: Java, JavaScript/TypeScript, Python, Kotlin, C.
- Frameworks & Libraries: Spring Boot, Node.js, Express.js, NestJS, React, Next.js.
- Databases & ORM: MySQL, PostgreSQL, MongoDB, Prisma.
- Tools & Environments: Docker, Git, Selenium, UiPath, AI-assisted development.

CERTIFICATIONS

Arutala Junior Back End Developer using Spring Boot – Distinguished – ArutalaLab

- Credential ID: TC2026.J.SB-D.C.07.002
- Issued: July 17, 2026 | Expires: July 17, 2029
- Completed 22 hours of training covering Java OOP, Spring Boot architecture & ORM, REST API & audit trail, Security, File Transfer & Exception Handling, JUnit Testing, and WebSocket.

Memulai Pemrograman Dengan Java – Dicoding Indonesia

- Issued: June 20, 2023.

TOEIC® Listening & Reading – ETS / International Test Center

- Total Score: 800 (Listening 495/495, Reading 305/495)
- Test Date: May 2, 2026 | Valid Until: May 2, 2028

LANGUAGES

- Indonesian (Native)
- English (Intermediate)

SELECTED PROJECTS & INTELLECTUAL PROPERTY

Lawan PMO: Mobile Self-Regulation Ecosystem

2025 – Present

Backend Developer

A mobile self-regulation application built as a digital health tool to help with behavioral-addiction recovery, combining a preventive-interventive model with mindfulness-based stress reduction to help users manage problematic pornography use.

Technical:

- Developed backend services using Node.js, NestJS, and Kotlin, with a PostgreSQL database and Prisma ORM.
- Worked in a 5-person team (4 developers, 1 marketing); the app is published on the Google Play Store and remains in active development.

Honors:

- 2nd Place, Silver Medal – PIMNAS 2025 (Poster Category)
- 3rd Place, Bronze Medal – PIMNAS 2025 (Presentation Category)

Intellectual Property:

- National Software Copyright – Ref. EC002025157155 (issued Oct 17, 2025)

Sistem Manajemen Dasawisma Sariwangi: Rural Demographic Dashboard

2025

Fullstack Developer – Community Service Program

Web application to digitize and manage resident population records for Sariwangi Village, developed as part of a community-service initiative.

Technical:

- Built using Next.js, working within a 3-person development team.

Intellectual Property:

- National Software Copyright – Ref. EC002025104608 (issued Aug 4, 2025)

SMKN 1 Cisarua Portal: Institutional Web Portal & CMS

2024

Backend Developer – Community Service Program

Custom web portal and CMS for SMKN 1 Cisarua Lembang, developed as part of a community-service initiative.

Technical:

- Migrated the system from CodeIgniter 3 to CodeIgniter 4 with a MySQL database, working within a 5-person team.