

EVELLY KHANZANIA PUTRI

Automation & IoT Engineer | Daan Mogot, Jakarta Barat, DKI Jakarta.

✉ evellykhnz@gmail.com github.com/Vkzapple evezkz.pages.dev [in/evelly-khanzania/](https://www.linkedin.com/in/evelly-khanzania/)

About Me

Highly motivated Software Engineering student passionate about Artificial Intelligence (AI), Internet of Things (IoT), robotics, and software engineering. Experienced in leading teams, participating in technology competitions, and developing innovative AI- and IoT-driven solutions that address real-world challenges. Known for strong communication, adaptability, and a commitment to creating engaging learning experiences while continuously expanding technical expertise.

Education

SMK Negeri 1 Jakarta - Software Engineering

July 2024 - Now | Jakarta, Indonesia

Gained hands-on experience in web development (HTML, JavaScript, PHP/Laravel), MySQL database management, and desktop (C#) and Android (Kotlin) application development.

Hands-on Experience

SIGEMA - Silica Gel Effectiveness Monitoring And Assistant | Javascript, C++, ESP32

July 2025 | Jakarta, Indonesia

- Developed an IoT-based environmental monitoring system.
- Built a real-time monitoring dashboard with MQTT.
- Integrated ESP32 sensors for automated humidity tracking.



EcoSwap - Smart Waste Sorting Mobile App | Kotlin, Firebase, YOLO

February 2026 | Jakarta, Indonesia

- Developed an AI-powered waste classification mobile app.
- Integrated YOLO for real-time waste recognition.
- Built a Firebase-backed smart recycling platform.



CornLens Corn Leaf Disease Detection App | Kotlin, Python, TensorFlow Lite, EfficientNet

May 2026 | Jakarta, Indonesia

- Developed an AI-powered crop disease detection app.
- Deployed EfficientNet with TensorFlow Lite on Android.
- Enabled real-time, offline disease diagnosis.



JALA - Jaklingko Auto-Locate Assistant | C++, Python, ESP32, APDS-9930, MQTT

June 2026 | Jakarta, Indonesia

- Developed an AI-powered System for real-time passenger detection and fleet optimization.
- Built an IoT-based passenger detection for inclusive public transportation.
- Integrated AI prediction with real-time fleet monitoring.



Skills

HardSkills:

Arduino, ESP32, Python, C++, Robotics Fundamentals, IoT Development, Sensor Integration, Machine Learning, Computer Vision, TensorFlow, YOLO, Basic Electronics, Troubleshooting, STEM Education Support.

SoftSkills:

Communication, Public Speaking, Leadership, Teamwork, Student Mentoring, Classroom Management, Problem Solving, Accountability, Initiative.

Achievements & Activities

Achievement:

- 3rd Place in UI/UX Website Design Competition | Compiler 2026 - Universitas Bakrie
- 2nd Place in Scientific Paper | LITECROWLED 2025 - SMAN 2 Jakarta
- 1st Place in Internet Of Things | ITechno Cup 2025 - Politeknik Negeri Jakarta
- 1st Place in Essay Competition | Informatics Festival 2025 - Universitas Padjadjarang Bandung
- 3rd Place in Youth Scientific Writing 2025 | Technology Innovation - DISPORA Jakarta Pusat
- 1st Place in UI/UX Design Competition | Compiler 2025 - Universitas Bakrie
- 1st Place in STEM Youth Quiz | LITECROWLED 2025 - SMAN 2 Jakarta

Activities:

- President - Engineering Researcher of Boedi Oetomo (KIR EROBO) | 2025-2026
- Student AI & IoT Engineer - Samsung Innovation Campus | 2025
- AWS Back-End Academy @ DBS Foundation | 2025
- Fullstack Web Developer Cohort DICODING - DBS Foundation | 2025
- President - Student Council (OSIS) | 2022-2023