EVELLY KHANZANIA PUTRI

Full-Stack Web Developer | Machine Learning Engineer |Daan Mogot, Jakarta Barat, DKI Jakarta.

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About Me

Software Engineering student at SMKN 1 Jakarta with a strong interest in AI and Machine Learning. Experienced in building end-to-end solutions across web development, IoT, and machine learning using Python, Next.js, React, and Node.js. Adaptable, detail-oriented, and eager to continuously develop skills in AI/ML and emerging technologies.

Education

SMK Negeri 1 Jakarta - Software Engineering July 2024 - Present | Jakarta, Indonesia

Studied and practiced web development (HTML, JavaScript, PHP & Laravel), MySQL database management, and desktop (C#) and mobile (Kotlin) application development.

Hands-on Experience

SignaText - Sign Language-to-Text Translation System | Javascript, Python, Laravel April 2025 | Jakarta, Indonesia

- Designed the UI/UX and developed REST APIs using Laravel.
- Integrated the frontend with machine learning models.
- Developed and implemented object detection models using YOLO.

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

Insighta UMKM | Python, TF-IDF, Latent Dirichlet Allocation (LDA), Vite, React April 2026 | Jakarta, Indonesia

- Developed a sentiment analysis model using Random Forest, and LDA Topic Modeling.
- Built a FastAPI REST API for sentiment classification and review analysis.
- Developed a React dashboard to visualize sentiment, trends, and customer insights.

CornLens Corn Leaf Disease Detection App | Kotlin, Python, TensorFlowLite, EfficientNet May 2026 | Jakarta, Indonesia

- Trained an EfficientNet model for computer vision-based corn leaf disease classification.
- Deployed the TensorFlow Lite model on Android for offline inference.
- Developed confidence scoring, disease information, and detection history features.

FABRIX AI - AI-Powered Fabric Inspection| Python, YOLO, Roboflow, XGBoost, Next.js September 2026 | Jakarta, Indonesia

- Developed an AI-powered web platform for fabric defect detection and quality classification.
- Integrated YOLO via Roboflow and XGBoost to detect defects and predict fabric quality.
- Implemented safe cutting area recommendations, inspection history, and PDF report generation.

Skills

Hard Skills:

JavaScript, Python, Kotlin, C++, Laravel, MySQL, PostgreSQL, MQTT, FastAPI, Scikit-learn, Pandas, NumPy, OpenCV, YOLO, TensorFlow/Keras, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, CNN, Transfer Learning, Model Training, Feature Engineering, Data Preprocessing.

SoftSkills:

Leadership, Teamwork, Communication, Public Speaking, Event Management, Team Coordination, Problem-Solving, Time Management, Adaptability, and Initiative.

Achievements & Activities

Achievements:

- 1st Place in Sunbeam Hackathon Jakarta 2026 | Hackclub
- 1st Place in Robotics Competition | Gebyar Merdeka Gliter JAK 2026 - Dinas Pendidikan DKI Jakarta
- 1st Place in National Internet Of Things | ITechno Cup 2025 - Politeknik Negeri Jakarta
- 1st Place in National Essay Competition | Informatics Festival 2025 - Universitas Padjajarang Bandung
- 1st Place in UI/UX Design Competition | Compiler 2025 - Universitas Bakrie
- 1st Place in STEM Youth Quiz | LITECROWLED 2025 - SMAN 2 Jakarta
- 2nd Place in Scientific Paper | LITECROWLED 2025 - SMAN 2 Jakarta
- 3rd Place in UI/UX Website Design Competition | Compiler 2026 - Universitas Bakrie
- 3rd Place in Youth Scientific Writing 2025 | Technology Innovation - DISPORA Jakarta Pusat

Activities:

- Volunteer Haven Jakarta - Hacklub & Nusantara Hack Youth | 2026 - Present
- Nusantara Hack Youth (Hackclub Indonesia) | 2026 - Present
- President - Engineering Researcher of Boedi Oetomo (KIR EROBO) | 2025-2026
- Student 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