

MUHAMMAD NATIVE MUTTAQIEN KURNIADI

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Portfolio: <https://eleonorez.xyz>

Sleman, Daerah Istimewa Yogyakarta

SUMMARY

Mobile and Web Developer skilled in Android development (Kotlin), modern web technologies, and technical support for computer and network systems. Experienced in building full-stack and mobile applications, API integration, and maintaining reliable lab environments through troubleshooting and system configuration. Information Systems graduate from Amikom University Yogyakarta and Bangkit Academy 2024.

WORK EXPERIENCE

UNIT PELAYANAN TEKNIS (UPT)

Sleman, Indonesia

Technical Support

August 27, 2025 - Present

- Maintained and optimized 23 lab computers and network systems, ensuring reliable classroom operations.
- Diagnosed and resolved hardware, software, and connectivity issues to reduce downtime during lab sessions.
- Installed and configured programming environments, databases, and microcontroller tools while providing real-time support for students and instructors.

FORUM ASISTEN

Sleman, Indonesia

Teaching Assistant in Kotlin Programming (Information System)

January 2024 - July 2025

- Supported 30+ students in Kotlin Programming practicum sessions, strengthening programming logic and Android development fundamentals.
- Guided live debugging, code walkthroughs, and assignment troubleshooting using IntelliJ IDEA and Android Studio.
- Helped students resolve application errors and complete practical tasks through hands-on mentoring.

PROJECT EXPERIENCE

Kompare – PC Build Recommendation with AI

Capstone Project

Tech Stack: Next.js, React, Python, FastAPI, Gemini API, RAG, Qdrant

Mei 2026

- Built an AI-powered PC build planner for the Indonesian market, recommending compatible components based on budget, use case, and upgrade needs.
- Developed a Next.js frontend with FastAPI backend for build generation, upgrade planning, cart/list audit, advisor chat, and marketplace-linked component data.
- Implemented RAG-based recommendations using vector retrieval with Qdrant, while applying deterministic validation for socket, RAM, PSU, casing, and budget compatibility.

DepQ – Mobile Web for Qur'an Memorization Submission

Academic Project

Tech Stack: React, Supabase, Tailwind CSS

April 2026

- Developed a full-stack PWA to digitalize Quran memorization submissions with role-based access for students and teachers.
- Built a secure Supabase backend with Row Level Security, Google OAuth, Realtime listeners, and grading notifications.
- Implemented voice recording, learning streaks, achievements, multi-language Quran API integration, and offline-ready caching.

CUNNY – AI Learning Mobile Application for Students

Capstone Project

Tech Stack: Kotlin (Native), Room & Firebase Database

December 2024

- Contributed as Bangkit Academy 2024 Mobile Development cohort front-end/mobile developer in a cross-functional Mobile, Cloud, and ML capstone team.
- Designed and implemented Android UI with Kotlin and Android Jetpack, integrating Room Database, Retrofit API, and Firebase Authentication.
- Delivered an intuitive learning experience to help students understand basic AI concepts through practical mobile interactions.

BersihinAja – Cleaning Service Web Platform

Academic Project

Tech Stack: PHP (CodeIgniter 3), MySQL

December 2024

- Built a web platform connecting customers with cleaning service workers using CodeIgniter 3 and MySQL.
- Designed database architecture, role-based access, user registration, booking, and service management workflows.
- Integrated Midtrans payments and earned 2nd Place in Gemasi 2025 (Digital Business - Fintech Category).

ORGANIZATIONAL EXPERIENCE

KOMA (Multimedia Community of Amikom)

Sleman, Indonesia

Member | UI/UX Division

2022 - 2023

- Applied UI/UX principles through Figma prototyping, collaborative multimedia projects, and design support for campus events.

EDUCATION

Amikom University Yogyakarta

Graduated

Bachelor of Information Systems | GPA: 3.86

September 2022 – March 2026

- Relevant Coursework: Digital Business, Graphic Design, UI/UX Design, Advanced Web Programming, Programming Language II (Kotlin)

TRAINING AND CERTIFICATIONS

- **TOEFL** Amikom English Proficiency Test (Score 503) | AEPT032609612 March 2026
- **Forum Asisten** Teaching Assistant Certificate | 012/FA/S1SI/AMIKOM/012/012 July 2025
- **DICODING** Android App Development with Jetpack Compose | RVZKWW5LQZD5 June 2025
- **GEMASI** 2nd Place Digital Business / Fintech Category | 001/SI-FIK/AMIKOM/II/2025 January 2025
- **Bangkit Academy** Mobile Dev Cohort | BA24/GRAD/XXIV-01/A183B4KY2956 December 2024
- **DICODING** Android Application Development Intermediate | 4EXG7M61GPRL December 2024
- **DICODING** Machine Learning Implementation for Android | 2VX340OW4ZYQ November 8 2024

SKILLS

- **Technical Skills:** Kotlin, PHP, JavaScript, React.js, Tailwind CSS, Android Jetpack, Firebase, Supabase, MySQL, PostgreSQL, Git/GitHub, REST API Integration, Computer & Network Troubleshooting, Software Installation & Configuration, Hardware Maintenance.
- **Soft Skills:** Collaborative, Adaptable, Detail-Oriented, Problem-Solving, Effective Communication, Time Management
- **Languages:** Indonesian, English.