

Muhammad Ahnaf

Full-Stack Developer • Product Owner

081252961135 • muhammadahnafworks@gmail.com • linkedin.com/in/muhammad-ahnaf-596708320 •
github.com/Ahnafprojects • Surabaya, Indonesia

EDUCATION

D4 Informatics Engineering 2024 – Present

Politeknik Elektronika Negeri Surabaya (PENS) • Surabaya, Indonesia

- Currently in Semester 5, focusing on software engineering, and applied AI development

EXPERIENCE

Backend Developer & Product Owner 2025 – 2026

RoomEase – PT. Sinergi Dimensi Informatika (Sindika) • Surabaya

- Led a 6-person team (Tim C2) delivering a corporate room booking platform for a real client
- Built .NET 10 ASP.NET Core backend with JWT auth, OTP, PostgreSQL, Redis, and Docker on two Ubuntu servers
- Implemented QR check-in per room, recurring bookings, Admin Dashboard with utilization heatmaps, and CI/CD pipeline
- Managed product backlog of 49 issues across 4 sprints using Agile methodology

Freelance Web Developer 2025

Beauty by Nazla Ahmad • Sidoarjo

- Built a professional portfolio and booking website for a makeup artist client from scratch
- Implemented service catalog, photo gallery, testimonials, and WhatsApp Business booking integration
- Delivered a fully responsive Next.js web app deployed on Vercel

PROJECTS

Spendly – AI-Powered Personal Finance App 2025 – 2026

Flutter • Supabase • Groq API (Llama-3.3-70B) • Firebase Cloud Messaging |
<https://spendlytrackerapp.netlify.app>

- Self-initiated Flutter app for Indonesian users with 20+ features: AI Finance Assistant, Shared Spaces, Savings Goals, receipt OCR, gamification, and Financial Health Score
- Integrated Llama-3.3-70B via Groq API for real-time AI-powered financial insights and voice input
- Shipped production-ready Android app — completely free with no ads or subscription fees

SmartLabs – AI Practicum Report Generator 2025 – 2026

Next.js • Llama-3 70B • Supabase • .docx generation | <https://smartlabseepis.netlify.app>

- Built SaaS-style platform that generates structured lab reports in under 10 seconds from pasted questions and code
- Integrated Llama-3 70B for context-aware analysis covering OS, Networking, and Web practicum subjects
- Shipped 25+ productivity tools (CV Builder, PDF Merger, QR Generator, Remove Background, etc.) alongside core feature

LokalKeren – UMKM Digital Directory Platform 2025

Next.js • AI Chatbot • Interactive Maps | <https://lokalkeren.netlify.app>

- Group project (3 devs) — led product vision and contributed to development of a platform connecting consumers with local Indonesian SMEs
- Built 9+ features: UMKM search, interactive maps, cart & checkout, AI assistant chatbot, seller dashboard with sales analytics

ORGANIZATIONS

Information Technology Division Member Feb 2024 – Present

IEEE PENS Student Branch • Surabaya

- Contributed to the IT division managing and redesigning the official IEEE SB PENS website
- Collaborated on tech initiatives and events representing PENS in the IEEE student community

Robotics Program Member Feb 2024 – 2025

UKM Roboholic • Surabaya

- Active member developing hardware programming skills through hands-on robotics projects
- Built innovative robots using Arduino and ESP32 microcontrollers with C++ programming

SKILLS

Languages & Frameworks: Dart (Flutter), C# (.NET 10 ASP.NET Core), JavaScript/TypeScript (Next.js), Python (FastAPI)

Backend & Infrastructure: PostgreSQL, Redis, Supabase, Docker, Ubuntu Server, CI/CD, JWT, REST API

Tools: Gitea, Git, GitHub, Kubernetes, Docker, Figma, Claude Code, Cursor, Vercel, Netlify, Postman

State Management: Flutter BLoC, Riverpod