ADITYA LUCKY ZULKARNAEN

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Available January 2027 for a 4–6 month full-time internship, on-site in Greater Jakarta (willing to relocate) or remote (required semester-6 internship, no classes)

Software Engineering student at UGM (GPA 3.85) building full-stack web apps with Next.js, Express, Flask and FastAPI on Supabase, Firebase and AWS. Shipped platforms used by 300+ registrants and participants. Seeking a Full-Stack Engineer internship.

EDUCATION

Universitas Gadjah Mada, Yogyakarta — Aug 2024 – Expected Aug 2028
Applied Bachelor (D4), Software Engineering | GPA: 3.85 / 4.00

EXPERIENCE

Junior Project Builder (Intern) | GirlMeetsTech, Bangkok, Thailand (Remote) — Oct 2026 – Nov 2026

- Shipped 4 MVPs end to end on one-week cycles (Next.js, Solidity, ethers.js), each deployed to BOT Chain mainnet with 80+ Solidity tests across projects and a launch campaign on X.
- **BOT Launchpad:** No-code deployment of 5 contract templates straight from the user's wallet, plus a registry contract that only accepts contracts matching an official template's code hash.
- **InstantBlog:** Gemini drafts cited articles from user-supplied sources; a SHA-256 fingerprint stamped on-chain lets anyone verify who published a text and when.
- **GitAura & ABI Studio:** GitHub OAuth with server-signed proofs verified on-chain; auto-generated interfaces for any contract from its ABI, with layouts published to IPFS.

Freelance Full-Stack Developer | Yogyakarta — Feb 2026 – Present

- **Civil in Action 2026** (Next.js, Firebase Auth, Firestore): Built the registration platform for a national-level competition with 300+ registrants: email and OAuth login, team data and abstract submission, and payment-proof upload for bank transfer and QRIS, plus an organizer dashboard to verify payments and review submissions.
- **UGM Cup 2026** (Next.js, Supabase Realtime, Docker, PM2, AWS EC2): Built live brackets and scores for 300+ participants using Supabase Realtime, replacing end-of-day score updates; containerized the frontend and backend with Docker and ran them with PM2 on EC2.
- **SPE UGM Website** (Next.js, Supabase): Built the public site, role-based admin dashboards and QR-code attendance, used by ~60 members including the vote for the new SPE president.

Mobile Developer (Freelance) | KATY SMAN 1 Yogyakarta (alumni association) — Feb 2025 – Nov 2025

- Built a cross-platform app (Expo, React Native, NativeWind) with a simplified UI for older alumni, replacing scattered WhatsApp groups many were never added to.
- Built an alumni map (Google Maps API) to find alumni by city with their contact details.

PROJECTS

Waste Water & Construction Agency (Dinas PUP-ESDM DIY) | Full-Stack — Feb 2026 – Jun 2026

- Added a web map (Leaflet, Blade) of manhole and pipeline assets to the agency's legacy Laravel codebase, and replaced phone-call complaints with a web form plus an admin repair-status view; merged into the agency's repository.

TB Screening App, GDGoC UGM Hackathon | Mobile, ML, Top 5 Finalist — Apr 2026 – Jul 2026

- Deployed the TB model as a FastAPI service on Hugging Face (Google HeAR embeddings + a DNN trained on 4,200 cough recordings, recall 0.87 for TB) and built the Flutter app that records coughs and shows results.

Ground Control Station for UAVs, GAMAFORCE UGM | Software Programmer — Dec 2024 – Oct 2026

- Built Flask services for orthomosaic stitching, heatmaps and segmentation, integrated into the web app through an Express backend; migrated mission logs to Supabase (PostgreSQL), making past flight telemetry queryable.

ACHIEVEMENTS

- **PKM-KC 2026:** National Funding Recipient and PIMNAS Finalist (Ministry of Education), non-invasive hemoglobin screening device for pregnant women (PPG sensor, ExtraTrees model)
- **2nd Place, Monad Blitz V2** (Depths, on-chain roguelike game) and **Monad Blitz 2026** (VISTA Protocol, dApp) | Solidity, Monad testnet

SKILLS

Languages: TypeScript/JavaScript, Python, PHP, SQL, Dart, Solidity
Frontend: React, Next.js, SvelteKit, TailwindCSS
Backend: Express.js, FastAPI, Flask, Laravel, REST APIs
Database & Cloud: PostgreSQL, Supabase, Firebase, AWS (EC2)
Mobile: React Native (Expo), Flutter
Tools: Git, Docker, PM2, Linux, Figma

ORGANIZATIONAL

GAMAFORCE UGM | GDGoC UGM Hacker Division | UGM Blockchain Club