



AULIA NUR FAJRI TRI ANGGORO

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Information Engineering undergraduate at Universitas Gadjah Mada. Learns unfamiliar stacks fast and takes them to production. Six ecosystems in two years, from TypeScript and Next.js on the web to React Native and Flutter on mobile, and on-chain & wallet integrations on Web3 development.

Technical Skills

- **Languages:** TypeScript, JavaScript, Dart, Go, Python, C++, SQL, HTML/CSS
- **Frameworks:** Next.js, React, React Native (Expo), Flutter, Node.js, Tailwind CSS, Payload CMS
- **Databases:** PostgreSQL, Supabase, Firebase Firestore, MongoDB, Redis
- **Web3:** Stellar (Wallets Kit, USDC payments), Solana, EVM dApp integration, Privy embedded wallets
- **Tools & Platforms:** Git/GitHub, Vercel, Cloudflare, REST APIs, Socket.IO, Figma

Projects

STERUN | \$5,000 Stellar Community Fund Grant

Aug 2026 – Present

Co-Founder & Software Developer

- Architected an on-chain race record protocol on Stellar, turning real-world race fraud into a verifiable runner history model, from problem statement to MVP.
- Built the participant web app and race-day scanner PWA in Next.js, TypeScript, and Tailwind CSS, integrating Stellar Wallets Kit for USDC race-entry payments and public runner verification.

TREDIE | 9th Finalist, Superteam Indonesia Hackathon | tredie.fun

Jan 2026

Software Developer

- Built a decentralized attention-market protocol on Solana for trading real-time viral trends, shipped as a working dApp within the hackathon window.
- Integrated TradingView candlestick charts, Privy embedded wallet auth, and a token candidate approval pipeline using Next.js, React 19, and Supabase.

FIND IT! UGM 2026 | find-it.id

Dec 2025 – Mar 2026

Front-End Lead

- Scaled the official competition platform to serve 3,000+ participants and 1,000+ competing teams nationwide.
- Led a team of 5 front-end developers building responsive participant and admin dashboards in Next.js, React 19, TypeScript, and Tailwind CSS.

SATU TELADAN APP | Google Play · App Store

Aug 2025 – June 2026

Mobile Application Developer

- Shipped a cross-platform mobile app to both Google Play and the App Store using React Native, Expo, and TypeScript, passing full store review on both platforms and onboarding 100+ alumni users.
- Built the alumni directory, community contribution tracking, donation campaigns, and real-time news feed.

HYDROCONNECT | PT Telkom Indonesia CSR

Aug 2025 – Mar 2026

Mobile Application & IoT Developer

- Programmed ESP32 4G-LTE cellular modems in C++ for multi-sensor (pH, TDS, turbidity, temperature) and secure remote telemetry transmission.
- Built the cross-platform mobile app in React Native, Expo, and TypeScript with real-time telemetry visualization over Socket.IO and push notifications, addressing clean water scarcity in Pengos Village, Gunungkidul (UN SDG 6).

CIVIL IN ACTION 14TH | civilinaction14th.com

Feb 2026 – May 2026

Full-Stack Developer

- Processed 350+ nationwide team registrations across 4 national competitions through the official end-to-end event portal, removing manual handling from the entire submission workflow.
- Built multi-step registration forms with automated Google Drive/Sheets pipelines, transactional email verification, and authentication using Next.js, React 19, TypeScript, Firebase, and Resend.

Work & Organizational Experience

180 DEGREES CONSULTING UGM | 180dcugm.com

Aug 2025 – May 2026

IT Analyst

- Scaled the official web platform to 6,000+ unique users and 32,000+ total digital engagements.
- Delivered full-stack features in Next.js, TypeScript, and Tailwind CSS with Payload CMS, an AI-powered site assistant, and custom URL analytics.

UGM BLOCKCHAIN CLUB

Nov 2025 – Present

Staff, Front-End Division

- Represented the club as a core builder across Monad, Superteam Solana Frontier, OG, Turing, and Stellar APAC hackathons, rapidly prototyping and shipping functional dApp MVPs.
- Mentored members in Web3 front-end development, such as dApp interfaces, wallet integrations, and contract interactions.

SOSMAS KMTETI FT UGM

Nov 2025 – Present

Staff of Desa Binaan

- Partnered with PT Telkom Indonesia (CSR) to execute HydroConnect in Pengos Village, Gunungkidul, bridging corporate sponsorship with student engineering to tackle rural clean water scarcity (UN SDG 6).
- Currently driving community development in Srimulyo Village, Bantul, by upgrading local waste management infrastructure and collaborating with local authorities to establish sustainable environmental practices.

GOOGLE DEVELOPER GROUP ON CAMPUS

Nov 2024 – Jun 2025

Hacker | Top 50 APAC Finalist, Google Solution Challenge

- Built "OhMyGERD", a cross-platform gamified health app in Flutter and Dart with real-time symptom tracking, daily habit logging, and an interactive reward system, selected from 750+ teams across 12 countries (UN SDG 3).

INDUSTRIAL ENGINEERING STUDENT CATALYST

Feb 2026 – Jun 2026

Mentor of Programming Class

- Mentored 10+ Industrial Engineering students in full-lifecycle web development, from fundamentals (HTML, CSS, JavaScript) to live application deployment using React.js and Vercel.

Education

UNIVERSITAS GADJAH MADA

2024 – 2028 (Expected)

Information Engineering, 5th Semester

Current GPA 3.43/4.00

SMA NEGERI 1 YOGYAKARTA

2021 – 2024

Natural Science and Math (MIPA) Major

Achievements

- Instawards Grant Recipient (\$5,000) · Stellar Community Fund (2026)
- Top 50 APAC Finalist · Google Solution Challenge (2025)
- 9th Finalist · Superteam Indonesia Hackathon (2026)
- 2nd Place · Idea Competition, NEST Universitas Indonesia (2025)
- 3rd Runner-up, Energy Policy Case Competition · Revogy SRE UGM (2025)