

MUHAMMAD NAUFAL HAIDAR SETYAWAN

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Mobile and Backend Developer with almost **two years** of experience building Flutter applications and RESTful APIs using TypeScript and Express.js. Experienced in developing backend systems from scratch, integrating PostgreSQL and Firebase, and publishing mobile applications on the Google Play Store. Familiar with AI coding tools and agentic development workflows, like Claude Code and Codex, to support software development and problem-solving.

Work Experience

Perspektive Digi Raya - Freelance

Jan 2026 – Present

Backend Developer – Malang, Indonesia

- Developed backend fundraising and sponsorship features for a major nonprofit organization in Indonesia, supporting campaign management and donation workflows.
- Built child sponsorship functionality to support ongoing relationships between sponsors and sponsored children.
- Supported production go-live by handling data migration and resolving launch issues.
- Maintain the client's backend application, troubleshooting issues and implementing fixes to support ongoing fundraising and sponsorship operations.

PT CMLABS Indonesia Digital - Internship

Oct 2025 – Dec 2025

Backend Developer – Malang, Indonesia

- Developed and maintained backend services for an internal HRIS using TypeScript and Express.js to support HR business processes.
- Designed PostgreSQL database schemas and managed migrations using Prisma ORM.
- Established the backend project structure and configured Docker to standardize development and deployment environments.
- Collaborated with frontend and mobile developers to define API specifications and align data contracts for application integration.

PT CMLABS Indonesia Digital - Internship

Feb 2025 – Sep 2025

Mobile Developer – Malang, Indonesia

- Developed and maintained cross-platform mobile applications for Android and iOS using Flutter and GetX.
- Translated UI/UX designs into responsive mobile interfaces and integrated application features with Laravel REST APIs.
- Integrated Firebase services for push notifications and application analytics.
- Investigated and resolved application stability and performance issues across Android and iOS.

Projects

HRIS - PT CMLABS Indonesia Digital

Oct 2025 – Dec 2025

Backend Developer

- Developed RESTful APIs for HR management workflows using TypeScript and Express.js.
- Designed PostgreSQL database schemas and managed schema migrations using Prisma ORM.
- Containerized the backend application with Docker to standardize development environments and support deployment.

Tech Stack: *Express.js, TypeScript, PostgreSQL, Prisma, Docker*

CMLABS Connect - PT CMLABS Indonesia Digital

Feb 2025 – Sep 2025

Mobile Developer

- Developed a cross-platform lead management application using Flutter and GetX for application state management.
- Integrated REST APIs to retrieve and update lead records and synchronize user activities with the backend.
- Implemented Firebase push notifications and analytics to deliver application updates and track feature usage.

Tech Stack: *Flutter, GetX, Firebase, REST API*

Disoriza - Politeknik Negeri Malang (<https://bit.ly/disorizaonandroid>)

Sep 2024 – Dec 2024

Mobile Developer

- Developed a Flutter application combining rice plant disease detection with a community platform for sharing posts and discussions.
- Integrated REST APIs to submit rice plant images to a machine learning backend and display disease prediction results.
- Implemented community features, including posts, likes, and comments, using BLoC for application state management.
- Designed and managed the Supabase database, integrated Supabase Auth for user authentication, and configured Supabase Storage for uploaded media.
- Published the application on the Google Play Store, making it publicly available to Android users.

Tech Stack: *Flutter, BLoC, Supabase, REST API*

Gondorejo - Politeknik Negeri Malang

Jan 2024 – Jun 2024

Full Stack Developer

- Developed a Laravel-based community information system to manage resident data, announcements, and local services.
- Implemented social assistance lookup, automated letter services, announcement boards, and local service directories.
- Built backend APIs, user authentication, and role-based access controls to support access to community data and services.

Tech Stack: *Laravel, MySQL*

MJ (Minyak Jelantah) - Politeknik Negeri Malang

Sep 2023 – Dec 2023

Mobile Developer

- Developed a Flutter mobile application prototype enabling users to sell used cooking oil directly to the application operator.
- Integrated Google Maps SDK to display operator-designated drop-off and pickup locations, helping users identify the nearest available point.
- Implemented BLoC for application state management and integrated Firebase for user authentication and data storage.

Tech Stack: *Flutter, BLoC, Firebase, Google Maps SDK*

maos – Daily News (<https://bit.ly/maosonandroid>)

Jun 2023 – Aug 2023

Mobile Developer (Personal Project)

- Developed a Flutter news application that aggregates articles from Indonesian publishers through the NewsData.io API.
- Implemented API response parsing and BLoC state management to retrieve and display news content.
- Integrated Firebase backend services and published the application on the Google Play Store.

Tech Stack: *Flutter, BLoC, Firebase, NewsData.io API*

Education

Politeknik Negeri Malang - Malang, Indonesia

Aug 2022 – Aug 2026

Bachelor's Degree in Informatics Engineering | GPA: 3.87/4.00

Skills

- **Languages:** Dart, TypeScript, JavaScript, PHP, SQL
- **Frameworks & Libraries:** Flutter, BLoC, GetX, Express.js, Laravel, Tailwind CSS
- **Databases:** PostgreSQL, MySQL, Redis, Firebase, Supabase, Prisma ORM
- **DevOps & Tools:** Docker, Linux, CI/CD, GitHub Actions, Git, Cloudflare
- **Soft Skills:** Problem Solving, Teamwork, Communication, Adaptability
- **Language Proficiency:** English (TOEIC 780), Indonesian (Native)