

HILMI RAFIF FAJARI

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Jakarta, Indonesia

Software Engineer with 3+ years of experience in building scalable web and mobile applications using Next.js, Spring Boot, Flutter, and NestJS. Skilled in PostgreSQL, Supabase, and Prisma, with hands-on experience in API development, CI/CD, and cloud deployment via OpenShift Cloud Platform (OCP). Proven track record in both development and project management across enterprise and freelance environments.

Work Experiences

Upwork Freelancer - Remote

May 2025 - Present

Full Stack Developer

- Collaborated with a web development agency serving multiple clients, contributing to various frontend and backend tasks across projects.
- Developed and maintained full-stack web applications using Next.js (frontend) and NestJS (backend), focusing on clean architecture and scalability.
- Utilized Supabase as a backend-as-a-service platform and Prisma ORM for efficient and type-safe database interactions.
- Translated design specs and client requirements into responsive, high-performance user interfaces.
- Ensured robust API development and integration, emphasizing security, maintainability, and performance.

PT Bank Central Asia Tbk - Jakarta, Indonesia

May 2023 - October 2025

Full Stack Developer

- Developed an internal API gateway platform using Java Spring Boot improving the monitoring of branch link status to support incident troubleshooting across offices
- Built a mobile-based incident tracking application using Flutter for the frontend and Java Spring Boot with a microservices architecture for the backend. The system replaced Telegram-based reporting by introducing real-time incident updates, search functionality, 7-day history logs, and reporting dashboard to track incident.
- Developed and maintained several internal web applications using Next.js (frontend) and Java Spring Boot (backend) to support daily operations for both operational and non-operational teams, ensuring high responsiveness and user-friendly interfaces.
- Designed and managed relational databases using PostgreSQL to support complex data workflows and reporting functionalities across internal systems.
- Implemented CI/CD pipelines using GitLab and Jenkins, improving code integration workflows and accelerating deployment cycles.
- Deployed and maintained applications on OpenShift Cloud Platform (OCP), handling environment configurations, scaling, and ensuring high availability across development and production clusters.
- Led a project to develop a task distribution platform for system operators, acting as Project Manager by defining architecture, providing ERDs and API specifications, and coordinating the development team to ensure timely and balanced delivery.

Frontend Developer Intern

- Develop a web-based desktop application utilizing the ElectronJS framework.
- Employ HTML and CSS in the application development process to enhance structure and visual presentation.
- Leverage ElectronJS for cross-platform compatibility and efficient desktop application creation using web technologies.
- Ensure a seamless and visually appealing user interface through the integration of HTML and CSS within the application.

Project Experiences

NFC-Based Attendance Application

Flutter, Firebase

Developed a mobile attendance application using NFC to replace manual signature-based attendance at university. Solved issues such as proxy attendance and streamlined the recording process for administrative staff. Integrated real-time database and authentication via Firebase to ensure secure and traceable attendance data.

GitHub: https://github.com/HilmiRF/aplikasi_presensi

Streak Champ

Next.js (TypeScript), Turborepo

Built a full-stack gamified habit tracker Software as a Service (SaaS) to help users stay consistent with their personal habits. Utilized Turborepo to structure the monorepo for both the marketing site and the main dashboard. Integrated third-party APIs via RapidAPI and implemented international payment support through Polar. Focused on enhancing user engagement through a title belt system, points, and daily habit streaks.

Live site: <https://streak-champ.com>

Education Level

University of Airlangga - Surabaya, Indonesia

Jul 2018 - Dec 2022

Bachelor Degree in Information Systems - CGPA : 3.33 / 4.00

- TOEFL ITP Test (ELPT) : 590.
- Developed an NFC and Firebase based mobile application for an attendance system at lecture (Final Project).

Organizational Experiences

Himpunan Mahasiswa S1 Sistem Informasi Universitas Airlangga (HIMSI) - Surabaya, Indonesia

Head of Personnel Division

Dec 2019 - Jan 2021

Led the personnel division, managing recruitment, member development, and internal performance tracking. Coordinated cross-division programs to improve organizational culture and productivity.

Staff of Personnel Division

Dec 2019 - Jan 20221

Assisted in planning and executing HR programs including onboarding, internal training, and performance evaluations.
Contributed to the development of organizational documentation and administrative processes.

Skills, Achievements & Other Experience

Programming Language: Typescript, Java, Dart

Framework: NextJs, SpringBoot, Flutter, NestJs

Database: PostgreSQL, Firebase Firestore Database, PostgreSQL, MongoDB