

Nur Faid Prasetyo

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Summary

Software Engineer with experience building **web, mobile, and backend applications** for business, academic, and operational use cases. Skilled in **React, Next.js, TypeScript, Laravel, Go, Node.js, and SQL/NoSQL databases**. Experienced in delivering client-facing platforms, internal dashboards, document workflows, monitoring interfaces, and mobile-backed products with a focus on **clean code, maintainability, usability, and production reliability**.

Work Experience

Founder & Software Engineer • Velura Innovation & Technology (Velura.id)

October 2025 - Present | Bandung, Indonesia

- Built and delivered **web, mobile, and backend** solutions using **React Native, Next.js, Vite, TypeScript, and modern API integrations**.
- Applied backend engineering practices around **structured logging, tracing, observability, and monitoring** using tools such as **OpenTelemetry and Grafana**.
- Developed operational tools and business applications with practical focus on **maintainability, performance, and real user workflows**.

Tools : React Native, Next.js, Vite, TypeScript, Node.js, PostgreSQL, OpenTelemetry, Grafana

Software Engineer Intern • PT Len Industri (Persero)

November 2025 - Present | Bandung, Indonesia

- Contributed to **Link-ID Web**, a React-based interface for the Link Monitoring Control system in a tactical data link platform.
- Implemented dynamic monitoring interface states using **global and component-level state management**.
- Built and maintained monitoring pages and UI flows for **track data, reference points, coordination, filtering, and system status workflows**.

Tools : React.js, Vite, Redux, TailwindCSS, JavaScript, Git, GitLab

Full Stack Developer • Fakultas Sains dan Informatika UNJANI

October 2024 - February 2025 | Cimahi, Indonesia

- Built and maintained web applications using **Laravel** with **Google Cloud Storage**, ensuring scalability and secure data handling.
- Contributed to key projects, including **E-Signature (Digital Signature), Student Penalty System, and RPL Student Payment System**, streamlining academic administration processes.
- Collaborated with the development team to **optimize performance and strengthen data security**, improving system reliability.
- Diagnosed and resolved various **development and deployment issues**, reducing errors and ensuring smooth delivery.

Tools : Laravel, Google Cloud Platform, MySQL, JavaScript, Bootstrap

Full Stack Developer Intern • PT Sarang Gagak Sakti

November 2023 - May 2024 | Jakarta, Indonesia

- Developed **full-stack application features** using Next.js, TypeScript, Prisma, Supabase, MongoDB, and Clerk.
- Applied **clean code practices and SOLID principles** to improve code readability and long-term maintainability.
- Worked with **authentication, database, and API integrations** for scalable user and data management.
- Collaborated with the engineering team through Git-based workflows, debugging, refactoring, and system maintenance.

Tools : TypeScript, Next.js, Prisma, Supabase, MongoDB, Clerk, Git/GitHub

Bootcamp & Other Experience

Kampus Merdeka - Backend Developer (Golang) • Alterra Academy

February 2024 - June 2024 | Cimahi, Indonesia

- Developed backend services using Golang, following best practices and clean architecture principles
- Gained expertise in **algorithms, data structures, system design, RESTful APIs, middleware, unit testing, and CI/CD**
- Worked on final projects focused on environmental sustainability:
 - **Rubbish Buddy** – A scheduled waste collection system
 - **Greeve (Green Environment Market)** – A marketplace for eco-friendly products
- Built scalable and efficient backend systems with database optimization and microservices architecture
- Top 1 Capstone Project with title Greeve (Green Environment)
- Top 1 Graduate in Backend Class

Tools : Golang, Echo, PostgreSQL, Docker, RESTful API, CI/CD, Git, Cloud Services

Kampus Merdeka - Cloud Computing • Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

August 2023 - December 2023 | Cimahi, Indonesia

- Distinction Graduate (Top 200 Cloud Computing Cohort)
- Led a capstone project team of **3 divisions with 8 members**, ensuring cross-functional collaboration and timely delivery.
- Developed **RESTful APIs** for Android application backend using **Node.js & Express.js**, improving scalability and maintainability.
- Designed and implemented **Unit & Integration Tests** (Postman) to improve reliability and reduce bugs before deployment.
- Authored comprehensive **API documentation using Swagger**, enabling smoother developer onboarding and faster integration.

Tools : Node.js, Express.js, Laravel 10, Postman, Swagger, Google Maps Platform API, Git/GitHub, MySQL, Firebase

Assistant Lecturer • Universitas Jenderal Achmad Yani

October 2023 - June 2025 | Cimahi, Indonesia

- Assisted in teaching and mentoring undergraduate students across **7 courses**, including *Algorithm and Programming, Databases, Object-Oriented Programming I & II, Web Programming, Data Structures, and Computer Applications*.
- Guided students in **hands-on coding labs, project development, and debugging sessions**, strengthening their practical understanding of programming concepts.
- Provided academic support through **grading assignments, preparing teaching materials, and explaining complex topics**, improving student comprehension and performance.
- Collaborated with lecturers to enhance **course delivery and learning outcomes** by integrating real-world examples and best practices.

Education

Universitas Jenderal Achmad Yani

Information Technology • 2021 - 2025

- Active in academic and extracurricular activities, including **Gemastik** and various coding competitions.
- Served as **Teaching Assistant** for multiple courses (*Algorithms, Databases, Object-Oriented Programming, Web Programming, Data Structures*), supporting students through tutorials, labs, and mentoring.
- Gained hands-on experience in **software development, cloud computing, and collaborative projects**, bridging theory with real-world applications.

Skills

- **Programming Languages:** TypeScript, JavaScript, PHP, Go, Python, Java
- **Frontend:** React, Next.js, Vite, Redux, Tailwind CSS, Bootstrap
- **Backend:** Laravel, Node.js, Express.js, Go, REST API, API Documentation
- **Database:** PostgreSQL, MySQL, MongoDB, Firebase, Supabase, Redis, Elastic Search, Microsoft Access
- **Cloud & DevOps:** Google Cloud Platform, Docker, CI/CD, GitHub, GitLab
- **Observability & Tools:** OpenTelemetry, Grafana, Postman, Swagger, Prisma, Clerk
- **Practices:** Clean Code, SOLID Principles, Component-Based Architecture, Debugging, Code Review

Projects / Portfolio

- **Real-World Projects**
 - **Velura Flow** - WhatsApp operations platform built with **Next.js, TypeScript, and PostgreSQL**, featuring sessions, inbox, broadcasts, contacts, automation, payments, and webhooks.
 - **Hibogi** - Dental health mobile app built with **React Native, Express.js, and TypeScript**, featuring AI-assisted caries screening, cavity detection, brushing reminders, and dental records. ([Link](#))
 - **Simuaskep.id - Nursing Care Simulation** - Web app built with **Next.js**, featuring an **AI-powered fuzzy** search for disease diagnosis based on keywords. ([Link](#))
 - **Laboratory Attendance System** - Web app built with **Laravel** integrated with **IoT RFID** for student attendance tracking. ([Link](#))
 - **Official Website - Fakultas Informatika UNJANI** - Faculty website developed with **Laravel (CRUD + Blog)** for news and content management. ([Link](#))
 - **E-Signature System** - Document authentication system with **QR verification** built using **Laravel**. ([Link](#))

- **Other Projects**

- **AI Recruitment Portal** – Recruitment management dashboard built with **Next.js, TypeScript, TailwindCSS, and shadcn/ui**, featuring analytics and local database. ([Link](#))
- **Employee Attrition Predictor** – **Next.js + TypeScript** simulation web app predicting employee resignation risk using rule-based scoring. ([Link](#))
- **People Counter – Line Crossing Detection** – **Flask + OpenCV** app detecting people flow using line crossing detection with a futuristic AI dashboard UI. ([Link](#))
- **Sales Lead Scoring App** – **Flask + Bootstrap + Chart.js** web app for automated lead scoring and classification (Hot/Warm/Cold) with interactive dashboard. ([Link](#))
- **School Management System** – Web app built with **PHP Native** for academic administration. ([Link](#))
- **Point of Sale (POS)** – POS system with inventory and transaction management using **PHP Native**. ([Link](#))
- **Laboratory Assistant Attendance (JavaFX)** – Desktop app for lab assistant attendance tracking. ([Link](#))
- **Bookshelf API** – RESTful API implementation using **Hapi.js**. ([Link](#))
- **Greeve (Green Environment Platform)** – (Mobile App, Web App, Backend) built with **Flutter, React.js, Golang**. ([Link](#))

Certifications

- **PT Len Industri Software Engineer Supporting Internship Certificate** - 2025
- **BNSP Certified Junior Web Developer** - 2024
- **Alterra Academy Backend with Golang Certification** - 2024
- **Bangkit Academy Cloud Computing Certification** - 2023
- **Dicoding Cloud Engineer Certification** - 2023
- **HackerRank Certifications:** Software Engineering, Frontend Developer React, REST API, SQL, Node.js, JavaScript, Problem Solving