AFRIAN FAHRURROZI

FULLSTACK DEVELOPER

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SUMMARY

A 7th-semester D4 Software Engineering student with a deep passion and strong determination to become a professional Fullstack Developer. Proven hands-on experience in developing real-world projects using JavaScript, React, TypeScript, and the Laravel Framework. Skilled in building dynamic backend systems, creating modern responsive UIs with API integrations, and experienced in web hosting, cPanel, MySQL, and PostgreSQL. Successfully completed various challenging projects such as a village government web application, mobile credit e-commerce platform, and RESTful APIs with cloud storage integration. Highly motivated to master every aspect of web development with a strong commitment to clean code, optimal performance, and scalable components — driven by a vision to become a Fullstack Developer who delivers high-quality, end-to-end technological solutions with real impact.

PROJECTS EXPERIENCE

Website APP Antrian Pasien (backend dev) - *github repo*   *Jul 2025 – Aug 2025*
Typescript, Nest JS, Restfull API, PostgreSQL, Prisma, Swagger Doc, Oauth2, Web Socket

- Built a patient queue management backend system using TypeScript and NestJS with a scalable and maintainable RESTful API architecture for hospital/clinic queue management.
- Implemented a PostgreSQL database with Prisma ORM for efficient data modeling, integrated OAuth2 authentication for enterprise-level security, and enabled real-time updates via WebSocket.
- Documented the API comprehensively using Swagger to facilitate frontend integration and testing, ensuring code quality and type safety through TypeScript.

Pemdes Cemara Kulon Website APP (fullstack dev) *URLs*   *Mei 2025 – Jun 2025*
Laravel, Tailwind CSS, Chart JS, Mysql, Chart JS, Email Auth, Maatwebsite/Excel Swiper JS.

- Built a comprehensive village government website using the Laravel framework with a dual-interface architecture: a public portal for community access to news, services, and data visualization, and an admin dashboard for content management.
- Implemented advanced features including authentication with email verification, real-time search using AJAX, data visualization with Chart.js, and a responsive UI powered by Tailwind CSS.
- Configured deployment on shared hosting with CI/CD automation via GitHub Actions for seamless updates, ensuring optimal performance and security through regular maintenance.

Arsiweb Company Profile (frontend dev) *URLs*   *Okt 2025 – Nov 2025*
Laravel, Tailwind CSS, Chart JS, Mysql, Chart JS, Email Auth, Maatwebsite/Excel Swiper JS.

- Built the UI/UX for the homepage, company profile, services, and contact pages.
- Implemented fully responsive designs optimized for mobile, tablet, and desktop.
- Applied the atomic design methodology to create scalable component structures.
- Optimized frontend performance and improved overall load time.
- Developed flexible and reusable components tailored to the company's needs.

Critical APP Dekstop APP (fullstack dev) *URLs*   *Okt 2025 – Nov 2025*
Electron, React JS, Tailwind CSS, RabbitMQ, Rest API, Sqlite.

- Built the desktop UI using Electron and React.js with a focus on usability and real-time updates.
- Implemented RabbitMQ queue consumption with configurable server, channel, and API settings.
- Stored processed queue data in SQLite for offline access and local persistence.
- Added audio notifications for incoming critical data to improve response time.
- Developed a confirmation workflow that posts patient data to the configured API along with room ID settings.
- Ensured efficient state management and component reusability for better maintainability.

OpenMusic API (Backend Developer) *github repo*   *Sept, 2024*
Node.js / Hapi.js · PostgreSQL · Redis · RabbitMQ · JSDoc · JWT / OAuth2

- Designed and developed a modular RESTful API using Hapi.js, separating business logic, validation, and routing.
- Utilized PostgreSQL with database migrations to ensure structured and consistent data schemas.
- Integrated Redis as a caching layer to accelerate API responses and reduce direct database load.
- Implemented RabbitMQ as a message broker/queue system for asynchronous tasks such as email or notification delivery.
- Created internal API documentation using JSDoc to make endpoints and schemas easier to understand and maintain.
- Enforced robust input validation and error handling (404, 500, 400) to maintain API stability.
- Handled authentication and authorization (JWT/OAuth2) for protected endpoints.

EDUCATION

D4 Rekayasa Perangkat Lunak Politeknik Negeri Indramayu (Polindra)   *Agustus 2022 - Present*
GPA: 3.71/4.00

Proficient in software design principles and techniques for creating user-friendly and effective solutions, with a focus on modern business application development, system analysis, database design, and software development methodologies for enterprise solutions. The program cultivates full-stack development expertise through practical projects and the implementation of cutting-edge technologies aligned with industry needs.

SKILLS

Hard Skills: Node.js, React.js, PostgreSQL, Prisma ORM, Tailwind CSS, JavaScript, TypeScript, Zod, REST API, Git, GitHub, Postman, Laravel, Flutter, RESTful API Development, Jenkins, GitHub Actions (CI/CD).

Soft Skills: Strong problem-solving, Team collaboration & communication, Self-motivated, Fast learner,Time management, Detail-oriented, Adaptable, Open to feedback, Initiative-driven learning.

CERTIFICATIONS

- Junior Web Developer (Badan Nasional Sertifikasi Profesi).   Sept 2024
- Belajar Dasar Artificial Intelligence (Dicoding).   *Des 2024*
- Belajar Dasar Cloud dan Gen AI di AWS   *Sept 2025*
- Belajar Dasar JavaScript (Dicoding).   *Nov 2024*
- Belajar Backend Pemula dengan JavaScript (Dicoding).   *Des 2024*
- Belajar Dasar Structured Query Language (SQL) (Dicoding   *Mar 2025*
- AWS Backend Academy 2025 (Intermediate)   *Sept 2025*
- AWS Backend Academy 2025 (expert)   *Sept 2025 - present*