

# Alfiansyah Pradinata Putra

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I specialize in building scalable web applications and automation solutions. With hands-on experience in backend technologies such as Laravel, Go, and Python, alongside frontend frameworks like Next.js and React, I create reliable, efficient, and user-friendly applications. My expertise in full-stack development allows me to deliver high-performance solutions, from multi-tenant SaaS platforms and workflow orchestration systems to AI-powered automation tools. Driven by clean architecture, best practices, and a continuous learning mindset, I am committed to developing high-quality, maintainable software that solves real-world problems. If you're looking for a developer who is passionate about innovation and technical excellence, then I'm the one you're looking for. Please feel free to contact me if you have any questions.

**Area of Interest:** Software Engineer | Web Developer | Back-End Developer | Front-End Developer | Full-Stack Developer | Mobile Developer

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## WORK EXPERIENCE

### Software Engineer - PT Sentra Vidya Utama (SEVIMA)

Dec 2025 – Jun 2026

- Developed SIS-Admin, a school administration system using Next.js 16 and Prisma ORM
- Created Agentic AI Scraper, an automated web scraping tool for campus information using Python
- Gained hands-on experience with clean architecture, API development, and database design
- Contributed to PPDB Sevima, a multi-tenant New Student Admission System built with Go and PostgreSQL
- Worked with modern web technologies including Material-UI and TypeScript Technologies: Go, PostgreSQL, Next.js, TypeScript, Prisma ORM, Python, Web Scraping, Material-UI, API, Multi-Tenant, Docker, Claude Code, Gemini.

### Data Collection & IT Support Intern - Badan Pusat Statistik

Aug 2024 - Dec 2024

- Processed and validated raw data to ensure accuracy before publication
  - Designed infographics for reports distributed to the public
  - Conducted field data collection to support monthly data requirements
  - Served on the organizing committee for National Statistics Day in Batu City
  - Developed Dangling (Pedagang Keliling), a mobile application that helps users locate and connect with nearby mobile vendors, as part of a 3-member development team for a special project initiated by the Head of BPS Kota Batu.
  - Delivered presentations on the mobile vendor application to internal and external audiences
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## EDUCATION

### Jember State Polytechnic

Jun 2022 - Aug 2025

Diploma III in Informatics Management, GPA 3.75/4.00

Thesis: *Web-Based Decision Support System For Food Menu Selection For Heart Disease Patients Using AHP (Analytical Hierarchy Process) Method*

Developed a web application to assist users in selecting suitable food menus based on nutritionist standards, using AHP criteria such as fat, sodium, energy, and carbohydrates.

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## **PROJECTS & PORTFOLIO**

### **Agentic-AI-Scraper-For-College**, *AI powerred (Web Application)*

**Jan 2026 - Feb 2026**

- Developed AI-powered web scraping tool for official campus websites using Python Playwright for automated data extraction and processing.
- Implemented comprehensive data collection including campus information, admissions statistics, majors database, tuition fees, and academic program details.
- Built automated data processing pipelines with validation, deduplication, and database integration, reducing manual data entry time by 80%.
- Created scheduling system for regular automated updates and error handling for reliable continuous operation.

*Technologies: Python, Playwright Web Scraping, Data Processing, Automation, AI Integration, Error Handling, Scheduled Jobs, Database Integration, Gemini*

### **PPDB System Fullstack**, *Backend + Frontend (SIS-Admin)*

**Mar 2026 - Apr 2026**

- Comprehensive New Student Admission System with multi-tenant support
- Go backend (PostgreSQL) + Next.js frontend
- Features: dynamic form builders, payment management, automated billing generation, academic period management, admin dashboards with RBAC

*Technologies: Go, PostgreSQL, Next.js, React, TypeScript, Prisma, Material-UI, API, Multi-Tenant*

### **FlowForge**, *Backend + Frontend (Multi-Tenant Workflow Orchestration Platform)*

**Jun 2026**

- Designed and developed a multi-tenant workflow orchestration platform inspired by Zapier/n8n, featuring a DAG-based execution engine for scalable workflow automation.
- Built a Laravel + PostgreSQL + Redis backend with workflow scheduling, webhook integrations, RBAC, real-time monitoring, and production-grade reliability through retry and error-handling mechanisms.
- Developed a React + TypeScript visual workflow builder with drag-and-drop functionality and AI-powered workflow generation using OpenAI, enabling users to create workflows from natural language prompts.

*Technologies: Laravel 12, PHP 8.3, PostgreSQL, Redis, React, TypeScript, React Flow, Docker Compose, Pest Testing, Laravel Reverb, OpenAI API, Multi-Tenant Architecture, DAG Algorithms*

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## **TRAINING & CERTIFICATION**

Pemrograman Mobil Pratama (BNSP) | LSP Politeknik Negeri Jember

Aug 2025 – Aug 2028

PHP OOP: Object Oriented Programming for beginners + Project | Udemy Course

Feb 2026 - Apr 2026

React-Native Practical Guide | Udemy Course

Apr 2026 - May 2026

Git - GitHub | MySkill Academy

May 2026 - May 2026

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## **ADDITIONAL**

Backend: Laravel 11/12 | PHP 8.2+ | Go | Python | PostgreSQL | MySQL | Redis | Prisma ORM | REST API Design | JWT Authentication | Laravel Sanctum | Spatie Permission | Laravel Reverb | Multi-Tenant Architecture | Clean Architecture | Web Scraping | Playwright

Frontend: Next.js 13/16 | React 18 | TypeScript | JavaScript | TailwindCSS | Material-UI | Chart.js

Mobile : Flutter | Dart