



Muhammad Zahran Albara

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Professional Experience

02/2025 – 11/2025
Bandar Lampung,
Indonesia

BPJN Lampung (Ministry of Public Works and Housing)

Freelance Fullstack Developer

- **Developed** "Silompat" (silompat.simpel-bpjnlampung.cloud), a web-based certification platform for Asphalt Mixing and Batching Plants (AMP/BP) used by industrial companies.
- **Implemented** JWT-based authentication with database-driven role validation to control access across multi-role industrial users.
- **Built** backend workflows for multi-step certification while collaborating with frontend contributors.
- **Executed** the full software development lifecycle (SDLC), translating stakeholder requirements into technical features and implementing iterative updates until launch.

07/2025 – 08/2025
Bandar Lampung,
Indonesia

Kantor Imigrasi Kelas I TPI Bandar Lampung

Backend Developer Intern

- **Developed** "Agent" (agent.pepadun.id), a web-based agenda management system designed to track office activities and automate reporting workflows for the Immigration Office.
- **Built** the backend using Django (Python) and integrated it with the Next.js frontend via RESTful APIs.
- **Implemented** a secure authentication system using JWT, storing access and refresh tokens in cookies to ensure safe and seamless session management.
- **Deployed** the application on a Linux VPS, configuring Nginx as a reverse proxy and managing processes with Gunicorn and PM2 to ensure high availability.

Projects

09/2025 – 02/2026

BRT ITERA (brt.itera.ac.id)

Fullstack Developer

- **Developed** the official web portal and an administrative dashboard utilizing Next.js, delivering both public-facing institutional profiles and a secure internal management interface.
- **Built** a robust backend architecture using Django and PostgreSQL to process and synchronize revenue data originating from TapCash devices.
- **Deployed** the full-stack ecosystem on a Linux VPS, configuring Gunicorn as the WSGI server and utilizing PM2 for background process management to ensure high availability and stable continuous operation.

11/2025 – 01/2026

Village Information System (desafajarbaru.co)

Fullstack Developer

- **Developed** a modern village information portal using a decoupled architecture, utilizing Laravel as a robust RESTful API and React.js (Vite) for a high-performance frontend interface.
- **Deployed** and configured the fullstack application on a Shared Hosting environment, configuring custom build paths to ensure stability and fast load times without a VPS.
- **Collaborated** with Digibooster (IT Consultant) to align technical deliverables with client requirements, ensuring the final product met production quality standards.

03/2025 – 06/2025

EduVerse

Android Developer (Academic Project)

- **Developed** a native Android educational and community discussion application using Kotlin and Android Studio as a capstone project for the Mobile Application Programming course.

- **Implemented** a serverless backend architecture utilizing Firebase Authentication for secure user access and Cloud Firestore for real-time database management of interactive quizzes and forum threads.
- **Integrated** the Imgur API as a cloud-based media storage solution, handling asynchronous user image uploads and rendering them efficiently within the application's discussion feeds.

Skills			
Backend & Database PHP, Laravel, Python, Django, PostgreSQL, MySQL, Firebase	Frontend Next.js, React.js, TypeScript, Tailwind CSS, Kotlin	DevOps & Infrastructure Linux VPS, Nginx, PM2, Gunicorn	Tools Postman, DBeaver, SSH (Bitwise), Git
Education			
08/2022 – 07/2026 Lampung, Indonesia	Bachelor of Computer Science in Informatics Engineering Institut Teknologi Sumatera (ITERA) GPA 3.33		
Languages			
Bahasa Indonesia — Native/Bilingual		English — Proficient	
Certificates			
Wordpress Development Certificate • Issued by : Special Skill • Competencies: Custom WordPress development using Elementor Pro			