

Kemal Aditya Zulfiqar

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About Me

Software Engineer with 7+ years of experience building scalable web, mobile, and AI-powered applications. Delivered enterprise solutions for major organizations, including BRI, Pertamina, Alfamart, and Bank Muamalat, while also independently launching products from concept to production.

Experienced across frontend architecture, full-stack development, AI integration, and cloud infrastructure, with a strong focus on performance, scalability, and product delivery. Proven ability to lead technical implementation, modernize legacy systems, and build reliable applications used by thousands of users.

Technical Skills

- **Frontend** : React, Next.js, React Native, Vue.js, TypeScript, Tailwind CSS, Zustand, TanStack Query
- **Backend** : Node.js, Bun, Python, Django, PostgreSQL, Redis
- **AI** : LLM Integration, DeepSeek AI, Mistral AI, OCR Processing, Voice-to-Text Systems
- **Infrastructure**: Docker, Coolify, NGINX, Cloudflare, GitHub Actions

Selected Achievements

- Built and launched an AI-powered personal finance platform as a solo engineer.
- Delivered enterprise software for BRI, Pertamina, Alfamart, and Bank Muamalat.
- Improved web performance by 30% through frontend architecture modernization.
- Developed offline-first mobile applications supporting uninterrupted retail operations.

Working Experiences

Frontend & Mobile Engineer | Balesin.id February 2022 – Present

- Led migration to Next.js, improving Core Web Vitals and reducing load times by ~30%.
- Built an offline-first POS application with React Native (Expo) supporting uninterrupted retail operations.
- Developed internal CMS tools that reduced content publishing cycles from days to hours.

Founder & Solo Engineer | sesaku (Side Project) January 2026 – Present

- Built and launched an AI-powered personal finance platform as a solo engineer.
- Automated ~90% of expense tracking through OCR and voice-to-transaction AI workflows.
- Designed and maintained self-hosted production infrastructure using Docker and Coolify.

Freelance Frontend Engineer | Arnatech January, 2021 - December, 2025

- Delivered enterprise solutions for BRI and Pertamina serving thousands of users.
- Built real-time monitoring dashboards powered by WebSocket data streams and AI analytics.
- Led frontend development for enterprise knowledge management and operational reporting systems.

Senior Frontend Developer | Wir Group April, 2020 - February, 2021

- Developed production web applications for Bank Mandiri, Bank Muamalat, and Alfamart.
- Contributed to frontend architecture and a B2B ordering module integrated into mobile banking.

Junior Fullstack Developer | Yuna & Co February, 2018 - April, 2019

- Developed backend APIs using Node.js and Django.
- Improved product data quality and frontend performance across e-commerce systems.

Education

Makers Institute 2017 - 2018

Full Stack Development Bootcamp

UIN Sunan Gunung Djati Bandung 2011 – 2016

Bachelor of Engineering (B.Eng.) in Electrical Engineering