

Arief Maulana

Fullstack Developer & Data Science Enthusiast

Full-Stack Developer with 3+ years building production web applications using React/Next.js and AWS cloud infrastructure. Delivered 10+ client projects including real estate platforms, automotive solutions, and enterprise systems. Specialized in modern JavaScript ecosystem with expertise in serverless architecture, RESTful APIs, and database optimization. Passionate about writing clean, maintainable code and solving complex technical challenges

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WORK EXPERIENCE

Freelance Full-Stack Developer

12/2024 - Present Bandung, Indonesia

Achievements/Tasks

- Delivered 3+ production applications for corporate clients using Next.js, reducing time-to-market by 40% through reusable component architecture and optimized build processes.
- Built AI-powered car dealer platform with OpenAI integration for automated vehicle descriptions and Resend email automation, handling 500+ monthly inquiries with 35% conversion rate.
- Developed real estate platform with PostGIS geospatial search enabling property filtering within custom radius (1-50km) across 200+ active listings with < 500ms query performance.

Full-Stack Developer

PT TAKON UNIFORM PRODUCTION

10/2021 - 10/2024 Bandung, Indonesia

Clothing Company. One-Stop Fashion Solution for Business and Industry

Achievements/Tasks

- Architected and deployed 4 internal web applications (inventory, sales, financial reporting, production tracking) serving 50+ daily users, reducing manual processes by 60%.
- Implemented secure authentication using JWT and AWS Cognito managing user sessions for 3 departments with role-based access control and session timeout policies.
- Developed responsive React dashboards with real-time data sync improving reporting efficiency by 50% and enabling mobile access for field staff across multiple locations.
- Managed hardware, software, and network infrastructure.

IT Support

PT INTI BUMI PERKASA

09/2017 - 11/2019 Bandung, Indonesia

Service & Providers

Achievements/Tasks

- Provided daily technical support for 30+ staff including hardware troubleshooting, network management, and Windows Server maintenance, achieving 90% user satisfaction rating
- Troubleshoot hardware, printers, network, and servers.

EDUCATION

Information Technology University Langlangbana

Bandung, Indonesia

SKILLS

Backend: Laravel, Node.js, Express.js, Prisma ORM, REST API, GraphQL

Cloud & DevOps: AWS (S3, Amplify, EC2, Lambda, RDS), Docker, Git, CI/CD, Nginx

Database: PostgreSQL, MongoDB, DynamoDB, MySQL

Frontend: React.js, Next.js, Nuxt.js, SvelteKit, Tailwind CSS, HTML, CSS, JavaScript, TypeScript

PERSONAL PROJECTS

Car Dealer Platform - AI-Powered Automotive Marketplace

- Developed inventory management with AI-powered car descriptions and automated email inquiries. Integrated payment gateway and user dashboard.
- Implemented automated email inquiry system with Resend handling 100+ monthly inquiries with 40% conversion to showroom visits through personalized follow-ups.
- Tech: Next.js, OpenAI API, Resend, PostgreSQL, AWS S3

FIL Garage Auto Care - Premium Automotive Service Platform

- Built production automotive care platform featuring nano coating and detailing services with WhatsApp Business API integration, serving 1,500+ vehicle bookings with 100% customer satisfaction
- Designed responsive multi-page Next.js application with SEO optimization, dynamic service pages, and conversion-focused architecture for Bandung automotive market
- Tech: Next.js, Tailwind CSS, React, WhatsApp Business API

Real Estate Platform

- Built property listing system with map integration using PostGIS. Implemented search filters and user authentication.
- Built advanced search filters (price range, property type, bedrooms, amenities) with instant results and JWT authentication for role-based access (buyers, sellers, agents).
- Tech: Next.js, AWS (S3, Lambda, Amplify, EC2), PostgreSQL + PostGIS

Spylt Drink

- Architected using React.js for the frontend
- Built responsive user interfaces ensuring seamless experience across desktop and mobile devices
- GSAP

LANGUAGES

English
Full Professional Proficiency

Indonesia
Native or Bilingual Proficiency