

MUHAMMAD ILYAS

South Jakarta, Indonesia

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Software Engineer with 6+ years building fast, clean web and mobile experiences. Core strength in the React ecosystem (Next.js, Vite, TypeScript) backed by Node.js, PostgreSQL, and Go on the backend. Build with intention: structure, clarity, and performance over hype. Currently shipping fullstack features at scale on an omnichannel platform serving thousands of merchants and processing millions orders monthly.

PROFESSIONAL EXPERIENCE

Jubelio, South Jakarta

January 2026 – Present

Fullstack Engineer (*OmniChannel Platform*)

- Building fullstack features and microservices for an omnichannel ecosystem spanning marketplace integrations (Shopee, Tokopedia, Lazada, etc.), inventory sync, warehouse management, and business intelligence
- Designing multi-tenant backend services with Node.js and PostgreSQL, enabling a single platform to serve thousands of merchants with isolated data and shared infrastructure
- Optimizing real-time order processing pipelines handling millions of monthly transactions across marketplace and offline channels
- Driving performance improvements across the stack: API response times, bundle sizes, and database query efficiency
- Collaborating with product, QA, and DevOps to ship features from design through production

Jubelio, South Jakarta

December 2021 – December 2025

Mid. Frontend Engineer (*OmniChannel Platform*)

- Built and maintained core frontend modules for the Web V2 product suite: order management, product catalog, inventory dashboard, and financial reconciliation
- Translated Figma mockups into responsive, accessible React interfaces, working closely with UI/UX designers to ship pixel-perfect implementations
- Integrated frontend with REST and GraphQL APIs, handling complex state management with Redux and later React Query
- Contributed to CI/CD pipeline improvements that cut deployment time by more than half
- Collaborated with backend and QA teams to ensure smooth feature delivery across the omnichannel product ecosystem

Wacaku, Remote

August 2023 – April 2025

Senior Software Engineer

- Led end-to-end development of a creative writing platform, from early design discussions through production release and post-launch iteration
- Architected the frontend with Next.js and TypeScript, building a modular, scalable codebase that enabled parallel team workflows
- Designed and built backend services in Node.js and Golang with clean API boundaries, comprehensive error handling, and test coverage
- Optimized PostgreSQL and MongoDB schemas; query latency dropped up to 60% on critical read paths
- Shipped AI-powered writing tools by integrating LLM APIs into the content creation workflow
- Established engineering practices: structured code reviews, RFC-driven design, incident postmortems

PT. Qoin Digital Indonesia, East Jakarta

July 2021 - December 2021

Frontend Engineer (*Software House*)

- Worked collaboratively with UI/UX designers, translating design concepts into functional and visually appealing interfaces using Zeplin.

- Developed frontend components and modules using ReactJs, ensuring high performance and responsiveness.
- Collaborated with Backend Engineers to integrate frontend interfaces with backend systems, enabling seamless data flow and functionality.
- Engaged with the Quality Assurance team to ensure thorough testing and debugging of frontend functionalities, delivering a seamless user experience.
- Utilized Elementor and WP Bakery to create websites, leveraging their intuitive drag-and-drop features to achieve desired designs and layouts.

Dvoretzky Group, South Jakarta

January 2021 – July 2021

Fullstack Developer (Software House)

- Developed feature-rich websites using Laravel as the backend framework, Bootstrap as the frontend framework, and MySQL for efficient database management.
- Translated Figma designs into interactive website applications using Next.js (React.js framework), incorporating state management with Redux, form validation with Yup, and other cutting-edge technologies.
- Created REST APIs using Laravel to establish efficient communication between the backend and frontend, enabling seamless integration and data flow.
- Collaborated closely with cross-functional teams to ensure successful integration of backend APIs, frontend designs, and seamless project delivery.

Self Employed, Remote

February 2019 – December 2022

Freelance Developer

- Developed visually appealing and responsive websites, including landing pages, web portfolios, web company profiles, and others.
- Utilized HTML, CSS, Tailwind, MUI framework, and NextJs/ReactJs to build interactive and dynamic website interfaces.
- Ensured seamless user experience by implementing responsive design principles and optimizing website performance.
- Collaborated with cross-functional teams, including designers and backend developers, to deliver high-quality web solutions.

EDUCATION

Asian Cyber University, South Jakarta, Indonesia

2022 - 2025

Informatics Engineering

Bootcamp Dumbways Indonesia, South Tangerang, Indonesia

2020

Fullstack Developer Program

SKILLS & OTHER

Frontend : React, Next.js, Vite, TypeScript, Tailwind CSS, shadcn/ui, Redux, Zustand, React Query, TanStack.
Backend : Node.js, Fastify, NestJS, Go, Laravel, WebSocket, GraphQL, REST APIs
Mobile : Flutter, React Native, Expo, Bloc
Database : PostgreSQL, MySQL, MongoDB, Prisma ORM, Firebase, Supabase
Infra. : Docker, Vercel, CI/CD, API Design, Cloudflare, Cloud VPS
AI & Agents : Agentic Workflow, MCP, LLM Integration, 9router, Opencode
Languages : Javascript, Typescript, PHP, Python, SQL & NoSQL, Golang, Dart.