

Muhamad Fikri Marzuki

Full Stack Software Engineer

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SUMMARY

Full Stack Software Engineer with 4+ years of experience building scalable web applications for startups and enterprise platforms. Strong expertise in React.js, Next.js, Vue.js, and Nuxt.js, with backend experience across Node.js, .NET, and Go. Experienced in API development, SQL/NoSQL databases, system architecture, and building reliable, maintainable software across the full development lifecycle.

SKILLS

Frontend: React.js, Next.js, Vue.js, Nuxt.js, React Native, TypeScript, Tailwind CSS, TanStack Query, Zustand, Pinia, Material UI, shadcn/ui, Framer Motion

Backend: Node.js, .NET, Go, Express.js, FeathersJS

Databases: PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Elasticsearch

DevOps & Infrastructure: Docker, GitHub Actions, GitLab CI/CD, AWS EC2, Nginx, Terraform, NATS

Observability: OpenTelemetry, Sentry, Matomo

Interactive & Testing: Phaser, Three.js, Playwright, Vitest

Tools: Cursor, Codex, Claude Code, Figma, Linear, Jira, Whimsical, ClickUp

WORK EXPERIENCE

SpacetoCo (Australia) — Full Stack Engineer (Full-Time, Remote)

Apr 2026 - Present

- Build and maintain APIs and backend services across platform systems.
- Develop and maintain features across customer-facing and internal frontend applications.
- Contribute to platform architecture, shared infrastructure, and system improvements.
- Improve application reliability, observability, testing, and developer workflows.

Tech: Nuxt.js | FeathersJS | TypeScript | Tailwind CSS | MongoDB | Terraform | OpenTelemetry

BisnisTrip (Jakarta, Indonesia) — Software Engineer (Full-Time, Remote)

Apr 2024 - Dec 2025

- Developed and maintained enterprise web platforms for membership, apartment, travel, hotel, and document management.
- Designed business workflows, ERDs, and REST APIs.
- Managed application deployments using Nginx and integrated Firebase services.
- Created UI/UX designs in Figma and mapped system workflows in Whimsical.
- Improved data accuracy and operational efficiency across 5+ products.

Tech: Nuxt.js | Tailwind CSS | TypeScript | .NET | SQL Server | Firebase | Nginx | GitLab CI/CD

Hacktiv8 (Jakarta, Indonesia) — Full Stack JavaScript Instructor (Full-Time)

Oct 2022 - Sep 2023

- Taught JavaScript, HTML/CSS, Express.js, and PostgreSQL to full-stack bootcamp students.
- Built internal grading system and GitHub Classroom automation scripts.
- Improved teaching efficiency and standardized evaluation across multiple classes.

Tech: Node.js | Express.js | Sequelize | PostgreSQL | Bash | GitHub CLI

Sekolah.mu (Jakarta, Indonesia) — Software Engineer Backend (Full-Time, Remote)

Jan 2022 - Oct 2022

- Developed payment microservices integrating Midtrans and Xendit using Go and Redis.
- Migrated legacy Python services to Go, improving system performance and stability.
- Built backend services for course management, cart, email, and voucher systems.

Tech: Go | Python | Redis | MySQL | Elasticsearch

Pixel House Studio (Bandung, Indonesia) — Software Engineer (Full-Time)

Jun 2020 - Dec 2021

- Developed the Managix App page builder and rendering engine for drag-and-drop website creation.
- Developed frontend applications using Vue.js and Nuxt.js.
- Built Node.js migration scripts for legacy data.
- Improved application performance and SEO for live preview and publishing workflows.

Tech: Vue.js | Nuxt.js | Bootstrap | Sass | Node.js | PostgreSQL | CircleCI

CV Karya Hidup Sentosa (Yogyakarta, Indonesia) — Marketing (Full-Time)

Mar 2018 - Feb 2019

FREELANCE PROJECTS

MyConnect.ai (USA) — Senior Frontend Developer (Freelance, Remote)

Feb 2026 - Jul 2026

- Developed and enhanced production features using Next.js and TypeScript.
- Maintained application quality through bug fixes, performance improvements, and code refactoring.
- Collaborated with Product, UI/UX Designers, QA, and Backend Engineers to deliver new features.
- Improved application reliability and monitoring using Sentry and Matomo.

Tech: Next.js | TypeScript | Tailwind CSS | TanStack Query | Sentry | Matomo | GitHub Actions

Mining Operations Platform (Australia) — Frontend Developer (Freelance, Remote)

Jun 2025 - Oct 2025

- Developed web and mobile applications for a private mining platform.
- Built a Block Builder application for mining planning and operations.
- Developed a Camera Management platform with live streaming and video management.
- Built an administrative dashboard and React Native app for task management.

Tech: Next.js | TypeScript | Tailwind CSS | React Native | TanStack Query | shadcn/ui

Token Loyalty Apps (Malaysia) — Software Engineer (Part-Time, Remote)

Oct 2022 - Dec 2024

- Led frontend for the Token Loyalty Web Platform (Company Profile, Client PWA, Admin Dashboard).
- Implemented QR token collection, redemption, and reward management features.
- Built reusable UI components and enhanced SEO to improve maintainability and user experience.

Tech: Next.js | Nuxt.js | TypeScript | Tailwind CSS | Framer Motion | Pinia | PWA

AMG CMS (Indonesia) — Full Stack Developer (Freelance, Remote)

Apr 2024 - Jun 2024

- Designed and developed an admin CMS for car inventory management from scratch.
- Built REST APIs and frontend modules for products, inventory, locations, and orders.
- Reduced manual inventory processes by delivering a production-ready management system.

Tech: React.js | Tailwind CSS | Zustand | Node.js | Express.js | Sequelize | MySQL

Ship Monitoring Apps (Indonesia) — Frontend Developer (Freelance, Remote)

Jan 2024 - Mar 2024

- Developed real-time ship monitoring applications with interactive maps and playback features.
- Integrated radar visualization, geofencing, and CCTV management features.
- Improved maritime monitoring through real-time vessel tracking and operational visualization.

Tech: React.js | TypeScript | React Leaflet | Material UI | Tailwind CSS

Trading Community Platform (Indonesia) — Technical Project Consultant (Freelance, Remote)

Oct 2023 - Feb 2024

- Audited an existing web platform and identified feature gaps through technical and UI reviews.
- Planned development roadmaps and sprint backlogs using Jira and Figma.
- Provided technical recommendations to improve project quality and development planning.

Tech: Next.js | Strapi (Node.js) | MongoDB | AWS EC2 | Jira | Whimsical | Figma

Rolling Glory (Indonesia) — Software Developer (Part-Time, Remote)

Jul 2022 - Oct 2022

- Developed and maintained CMS and client web applications for a confidential FinTech company.
- Enhanced frontend features, application performance, and SEO using Next.js and TypeScript.

Tech: Next.js | TypeScript | Tailwind CSS | Material UI | Styled Components

SELECTED PROJECTS

[My Developer Ecosystem](#) (2026)

Built a central hub connecting my deployed applications, developer tools, learning platforms, games, and technical experiments.

Tech: Next.js | TypeScript | Tailwind CSS | Framer Motion

[PageLayr](#) (2026)

Built a visual page-building tool for creating and customizing web layouts through an interactive editing experience.

Tech: Next.js | TypeScript | Tailwind CSS

[PlayDeck](#) (2026)

Built an interactive presentation platform combining a visual editor with 2D platformer gameplay, quizzes, and interactive scenes.

Tech: Next.js | TypeScript | Phaser | Dexie

[Tinyverse](#) (2026)

Built a browser-based game experience with multiple game modes, progression systems, persistent saves, and interactive gameplay.

Tech: React | TypeScript | Phaser

[JavaScriptia](#) (2026)

Built an educational RPG that teaches JavaScript through interactive gameplay, featuring a battle system, save system, coding challenges, and story progression.

Tech: React.js | TypeScript | Phaser | Zustand

EDUCATION

Hacktiv8 (Jakarta, Indonesia) — Nov 2019 - Mar 2020

Full Stack JavaScript Immersive Program

Universitas Gadjah Mada (Yogyakarta, Indonesia) — 2011 – 2017

Bachelor of Agroindustrial Technology