Muhammad Lutfi Ibrahim

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Profile

Senior Software Engineer with 5+ years of experience designing and delivering scalable applications across banking, e-commerce, and blockchain/web3. Specialized in React, Next.js, Vue/Nuxt, and Node/Nest.js, with proven expertise in building and leading engineering teams, optimizing system performance, and driving end-to-end product development. Strong problem-solver with a blend of corporate and freelance experience, capable of transforming complex business needs into robust technical solutions.

Core Skills

Frontend: React, Next.js, Vue.js, Nuxt.js, React Native, Gatsby, Storybook
Backend: Node.js, Nest.js, Elysia.js, Ruby on Rails, Laravel, Java Spring
DevOps & Deployment: Docker, Jenkins, AWS, GCP
AI: LangGraph, CrewAI
Blockchain: Solidity (Ethereum)
CMS & SEO: WordPress, Shopify, SEO Optimization

Professional Experience

Software Engineer — PT. Infosys Solusi Terpadu (for CIMB Niaga)

Nov 2023 – Present

- Developed React.js microsites for banking applications with a focus on scalability and compliance.
- Improved maintainability and performance through code reviews, architectural refinements, and best practice adoption.
- Managed Git workflows, ensuring smooth collaboration across distributed teams.

Senior Software Engineer — Rata.id

Nov 2020 – Nov 2023

- Led a team of junior engineers, improving delivery speed and elevating code quality.
- Delivered full-stack solutions using React, Next.js, Laravel, and Ruby on Rails, enabling rapid product iterations.
- Spearheaded debugging and optimization efforts, reducing downtime by 80%.
- Strengthened system reliability through CI/CD pipelines and Git workflow enhancements.

Fullstack Engineer — Pandatech.io (now Koda.so)
Nov 2019 – Nov 2020

- Built and maintained fullstack applications using React + Ruby on Rails.
- Designed modular and scalable interfaces, improving UX and long-term maintainability.

UI/UX & Frontend Developer — Pasarwarga.com
Dec 2017 – Nov 2018

- Developed responsive, cross-platform frontends with React + jQuery.
- Implemented modern UI/UX patterns that improved customer engagement.

Portfolio

E-commerce Platform — HomeStory.co.id (2019)
- Led the end-to-end development of a scalable e-commerce platform using Ruby on Rails and React.js.
- Designed and documented RESTful APIs to ensure smooth integration across services.
- Established the system architecture from scratch, enabling future scalability and maintainability.

Crypto Exchange Platform — Confidential Project (2019)
- Enhanced and maintained core features as Backend Engineer with PHP Laravel and Solidity.
- Improved reliability and security by resolving critical bugs and optimizing performance.
- Collaborated with cross-functional teams under NDA to deliver secure blockchain-related features.

SuperApp for Education — Confidential Project (2022)
- Developed the frontend architecture of a large-scale education SuperApp using Nuxt.js, focused on performance, accessibility, and modularity.
- Partnered closely with product and backend teams to deliver seamless user experiences for thousands of users.
- Advocated and applied best practices in code review, state management, and CI/CD pipeline integration.

Additional Projects
- Contributed to multiple large-scale applications across fintech, education, and SaaS domains.
- Consistently owned feature delivery from concept to production, with a focus on scalability, security, and user impact.

Education

B.Sc. in Information Systems — Binus University
GPA: 3.2 / 4.0

Certifications & Bootcamps

AI 7 Days Cohort Bootcamp — Belajarlagi (Score: 98/100)
Fullstack JavaScript — Hacktiv8 (Score: 88/100)
Fullstack Data Science — Algoritma (Score: 88/100)

Awards & Recognition

Gemastik 8 Finalist — Video Game Development (Ristekdikti, 2015)