

MUHAMMAD NASA'I KAIRUPAN

Software Engineer

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Portfolio: <https://nasai-kairupan-portfolio.vercel.app>

SUMMARY

Full-Stack Software Engineer with experience delivering end-to-end applications in fast-paced, small-team environments. Skilled across Backend, Frontend, and DevOps with hands-on experience building scalable APIs, optimizing databases, improving frontend performance, and automating CI/CD pipelines. Experienced in developing reliable, scalable, and maintainable systems using Laravel, Node.js, Go, Vue.js, Flutter, Docker, and cloud platforms such as AWS and Google Cloud Platform.

EXPERIENCE

Freelance Full-Stack Web Developer

Val Tech - Balikpapan, Indonesia

(November 2023 - present)

- Developed full-stack web applications across **healthcare, academic, and manufacturing domains**, including **ERP and CMS systems**.
- Collaborated with clients to deliver scalable solutions aligned with business needs, achieving 100% client satisfaction.
- Built and optimized RESTful APIs and application performance, reducing page load times by up to 50%.
- Provided ongoing maintenance and technical support to ensure system reliability.

Software Engineer

Universitas Balikpapan - Balikpapan, Indonesia

(Feb 2023 - present)

- Developed and maintained **end-to-end academic and financial systems**, covering **frontend, backend, database, and server infrastructure**.
- Mentored junior developers through code reviews and knowledge sharing to support continuous learning.
- **Implemented CI/CD pipelines**, replacing manual deployments with automated, Git-based workflows.
- Optimized application code and database queries, achieving up to 80% performance improvement.

EDUCATION

Institut Teknologi Kalimantan (2020 - 2025)

Bachelor of Informatics - GPA 3.78

- Participated in a hackathon competition and secured 2nd place.
- Actively involved in research projects with faculty members.
- Developed and maintained web-based applications for campus operational needs.
- Participated in Bangkit Program as a Cloud Computing Cohort.

CERTIFICATIONS

- Certified Blockchain Professional issued by EC-Council
- Kampus Merdeka Batch 3 - Backend Engineering with Go issued by Ruangguru
- Bangkit 2023 Alumni Specializing in Cloud Computing issued by Bangkit Academy
- Hyperledger Fabric 2.x Network Design & Setup issued by Udemy
- Vue – The Complete Guide issued by Udemy

SKILLS

- Web App Development (Laravel, Vue.js, Node.js, Express.js, NestJS, Go)
- Mobile App Development (Flutter)
- SQL Database Management (MySQL, PostgreSQL)
- No SQL Database Management (Redis, MongoDB, Firebase)
- Cloud Computing (Google Cloud, AWS)
- CI/CD (Docker, Git, Github, Gitlab)