MUHAMMAD NASA'I KAIRUPAN

Software Engineer

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Web Portfolio: https://nasai-kairupan-portfolio.vercel.app

SUMMARY

An experienced software engineer and blockchain enthusiast who loves building cool, impactful stuff with the latest tech. Big fan of cloud tools and Hyperledger Fabric, always looking for ways to turn ideas into solutions.

EXPERIENCE

Val Tech - Balikpapan, Indonesia
Freelance Full-Stack Web Developer (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.

Universitas Balikpapan - Balikpapan, Indonesia
Software Engineer (Feb 2023 - present)
- 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.
- Developed and maintained **end-to-end academic and financial systems,** covering **frontend, backend, database, and server infrastructure.**

EDUCATION

Institut Teknologi Kalimantan (2020 - 2025)
Bachelor of Informatics - GPA 3.78
- Participated in Bangkit Program as a Cloud Computing Cohort.
- Actively involved in research projects with faculty members.
- Developed and maintained web-based applications for campus operational needs.
- Participated in a hackathon competition and secured 2nd place.

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)