Farrel Nikoson
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Professional Summary
Young passionate Software Engineer with over 6 years experience. Code since 11. Looking for professional experience to apply knowledge and skills in real-world problem software. Specializing in full-stack development, data and AI technologies. Design performant systems, create maintainable code, leading successful projects, and continuously learning new skills. Adept at collaborating with different teams and committed to delivering high-quality solutions.

Work Experience
Joga Computer
Full Stack Developer
Surakarta | 2022 - 2024
- Recreate entire inventory-payroll-e-commerce web services from legacy code, show strong skills on understanding strict requirement and deliver production code
- Developed and maintained scalable web applications using Native PHP, JavaScript, TailwindCSS.
- Focus on backend and back office feature that create a seamless experience for admin users.

Freelance Web Developer
Remote | 2021 - Present
- Creating various websites, static and dynamic for marketing, company profile, even ordering web apps.
- Creating expressive user experience on the web with focusing on web performance, web UI and edge framework technology.

Education
BINUS University
Bachelor's Degree in Computer Science
Enrolled, Expected Graduation: 2029

Awards & Recognition
- Finalist GESIT Innovation National Competition on Software Product Development
- 3rd place UI/UX Competition -- Biztech 4.0 Goes to Solo

Current Projects
- [Datadok](): Team project business intelligence and analytics software for hackathon (project lead)
- [Neocurl](): Simple, effective and fast HTTP Client based on curl for neovim (<5kb)
- [NodeJS-OWASP-API-Security](): NodeJS API with addressing top 10 OWASP security risk on API development.
- [Codepen Archived]() All of my archive front-end pen and project.

Skills
- Programming Languages: TypeScript, Java/Script, C/#/++, Python, Go, Rust
- Paradigm: Procedural, OOP, Functional, Distributed Systems
- Database Systems: MySQL, MongoDB, PostgreSQL
- Frameworks & Libraries: React, Next.js, Laravel, Node.js, FastAPI
- Tools & Platforms: Git/Hub, Linux, Docker, Kubernetes, Azure, DigitalOcean, Vercel, Plant/UML, [Figma]()
- Data Science & AI: Machine learning concepts, data analysis and understanding. Develop model, deploy and craft apps upon
- Soft Skills: Leadership, Communication, Problem-solving, Team Collaboration

Volunteering & Leadership
Datadok
Software Engineer
Surakarta | 2024
- Project team lead for analysis and business intelligence software for GESIT Competition 2024

Publications
"I Made Neural Network Library in NodeJS to learn ML Fundamentals"
Engineering With Farrel Nikoson · Jul 20, 2024
"NodeJS security: addressing the OWASP Top 10 API Security Risk"
Engineering with Farrel Nikoson · Jul 18, 2024