

Nana Okamoto

Full Stack Developer • Vancouver, BC • 604-356-9487

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Full Stack Developer with over 3 years in developing web apps. I enjoy collaborating with teammates to improve our products. I am always eager to learn emerging technologies and apply them in dynamic environments to drive business success.

WORK EXPERIENCE

GeneL Inc. | Full Stack Engineer | 12/2024 - Present

- Developed and maintained both frontend and backend functionalities using Ruby on Rails for a leading CRO (Conversion Rate Optimization) tool.
- Designed user interfaces and implemented interactive features to enhance usability and engagement.
- Utilized test-driven development (TDD) to create reliable and maintainable codebases.

Mitsui E&S Systems Research Inc. | Full Stack Engineer | 04/2021 - 07/2024

- Led Windows Server upgrade project for a client with expired support, creating migration schedules and procedures for a seamless transition
- Reduced planned downtime by 20% through optimized migration strategies and comprehensive pre-testing protocols
- Designed compatible system architecture ensuring functionality of 3 systems through iterative validation
- Developed a scalable application architecture to support deployment across 11 group companies without requiring system modifications, effectively organizing complex requirements and creating detailed designs
- Reviewed team members' code and created essential syntax documentation, reducing basic mistakes and bugs by 50% among less experienced developers
- Implemented efficient API integrations and optimized database queries to enhance system performance while ensuring seamless communication between frontend and backend components
- Implemented TypeScript to enhance type safety across the codebase
- Executed modular development strategies to efficiently manage sudden specification changes, ensuring on-time project completion
- Optimized API integration testing processes, achieving a test coverage rate of 95%

TECHNICAL SKILLS

Frontend: HTML | CSS | JavaScript | TypeScript | React | Next.js | Angular

Backend: Ruby | Ruby on Rails | C# | ASP.NET

Others: PostgreSQL | MySQL | OracleDB | Git | GitHub | Gitlab

EDUCATION

Diploma in Web Development

Cornerstone International Community College of Canada, Vancouver, Canada (2024 – 2026)

Bachelor's Degree in International Relations

Ritsumeikan University, Kyoto, Japan (2021)