Nelson Kim

Senior Front-End Engineer

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EXPERIENCE

Trend Micro, Ottawa, ON — Senior Front-end Engineer   *Sept 2023 - Current*

- Architected and delivered enterprise V1 Alerts application from inception to production, orchestrating deployment, authentication, and integration across Ottawa and Taiwan teams
- Led strategic refactoring of mission-critical widget infrastructure, redesigning component architecture for improved maintainability and scalability while maintaining zero-downtime delivery
- Engineered hybrid JSP/React tagging solution, establishing reusable integration patterns through comprehensive documentation
- Drove knowledge transfer across organization through Front-End Virtual Squad presentations on deployment processes and React Miami conference insights, reaching 80+ engineers with best practices on testing, error handling, and scalable architectures
- Deployed to Taiwan headquarters for critical project intervention, establishing knowledge transfer protocols for continuous North American development

Stamped.io, Remote — Software Engineer II   *Nov 2022 - Sept 2023*

- Developed and deployed high-volume data services handling 1M+ requests/sec for ecommerce platforms
- Led cross-functional teams designing new integrations and multi-platform feature pipelines
- Conducted architecture assessments and refactored legacy codebases
- Executed seamless live migrations of widgets to active customers without service interruption

Rebel.com, Ottawa — Software Developer   *Mar 2021 - Nov 2022*

- Led UX/UI improvements in collaboration with marketing and product teams
- Spearheaded vulnerability assessments and security compliance presentations
- Upgraded legacy systems to modern React and JavaScript stack based on user analytics

Note Taking Express, Toronto — Software Developer   *July 2019 - Feb 2021*

- Managed full-stack React/Express/Node applications from ideation to deployment on AWS
- Developed GraphQL and REST APIs for classroom and booking services
- Created analytics dashboards and led developer hiring process

SKILLS

Languages & Frameworks: JavaScript, TypeScript, React, Node.js, Redux, Next.js, Gatsby, C#, ASP.NET
Databases & APIs: PostgreSQL, MS-SQL, GraphQL, REST
DevOps & Tools: AWS (EC2, RDS, Lightsail), Git, GitHub Actions, CI/CD
Specializations: Technical leadership, Cross-team coordination, Mentorship, Architecture refactoring, Security assessments

EDUCATION

Humber College, Toronto, ON — Advanced Diploma in Computer Programming   *2017*