

Experience

Lead Software Engineer	ECAD Labs Inc.	Nov 2022 - Oct 2024
<ul style="list-style-type: none">Spearheaded the design and maintenance of an open-source TypeScript library "Taquito" for the Tezos blockchain, achieving 293 GitHub stars and broad adoption over 50+ projectsLed a team of three engineers to deliver scalable solutions 2 weeks ahead of schedule 100% of the timeServed as the primary point of contact for other teams in the Tezos blockchain ecosystem, providing prompt technical support and smooth integration across 3 other wallet teams from different companiesDirected comprehensive refactoring efforts across our core codebase, reducing technical debt by 30% while maintaining backwards compatibility with previous versionsAdvocated for developer success by engaging in GitHub discussions, resolving 100+ issues, and improving documentation for the community		
Software Engineer	ECAD Labs Inc.	Nov 2021 – Nov 2022
<ul style="list-style-type: none">Actively participated in critical discussions and implementation choices to address protocol changes, propelling the Taquito library to become the number one most used framework for Tezos dAppsWrote comprehensive integration tests to prevent regressions across protocol changes, promoting early bug discovery in all protocol updates, leading to 70% fewer critical bugs reaching productionComposed a technical documentation website for the Taquito open source library, written in React.js and Docusaurus, reducing the frequency of commonly asked questions by 50%Built and maintained reliable blockchain transaction processing systems, securely handling over 4 million transactions monthly		
Software Engineer in Test	Electronic Arts Inc.	Mar 2020 – Nov 2021
<ul style="list-style-type: none">Developed maintainable and scalable automated tests for both REST and GraphQL based APIs using TypeScript and testing libraries such as Mocha and Jest, ensuring more than 85% coverageMonitored and resolved API and backend issues quickly in production using New Relic, Kibana, and logging tools, ensuring 99.9% uptimeStreamlined cross-team communication regarding testing needs, leading to 70% fewer integration issues during the development cycle		
QA Test Engineer	Vipre Security	Sep 2019 – Mar 2020
<ul style="list-style-type: none">Contributed in the conception of a new branching strategy for test automation that allows efficient regression and smoke testing, removing the need for 2 hours of manual testing per releaseDeveloped a new automation template generator for quick generation of automated integration and end-to-end tests using Go, reducing development time of new automation suites by 80%		

Technical Skills

- Prog. Languages: TypeScript, JavaScript, Go, Python, C#, Java, C, C++, HTML/CSS, SQL
- Frameworks: Node.js, React.js, Express.js, Selenium, Jasmine, Mocha/Chai, .NET, Spring
- Tools: Git, PostgreSQL, MongoDB, GraphQL, Jenkins, Github Actions, Kubernetes, Docker, Kafka
- Languages: English (native), Indonesian (native), Japanese (basic/conversational)

Education

Simon Fraser University	May 2015 – Apr 2019
<ul style="list-style-type: none">Bachelor's of Science in Computing Science; Graduated with Co-op	