

## Experience

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**Lead Software Engineer**                      **ECAD Labs Inc.**                      **Nov 2022 - Oct 2024**

- 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+ projects
- Led a team of three engineers to deliver scalable solutions 2 weeks ahead of schedule 100% of the time
- Served 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 companies
- Directed comprehensive refactoring efforts across our core codebase, reducing technical debt by 30% while maintaining backwards compatibility with previous versions
- Advocated 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**

- 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 dApps
- Wrote comprehensive integration tests to prevent regressions across protocol changes, promoting early bug discovery in all protocol updates, leading to 70% fewer critical bugs reaching production
- Composed 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**

- 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% coverage
- Monitored and resolved API and backend issues quickly in production using New Relic, Kibana, and logging tools, ensuring 99.9% uptime
- Streamlined 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**

- 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 release
- Developed 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

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- 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

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**Simon Fraser University**                      **May 2015 – Apr 2019**

- Bachelor's of Science in Computing Science; Graduated with Co-op