

### Delivering Full-Stack Software Solutions That Scale, Simplify, and Solve Real-World Problems

Senior software engineer specializing in rapidly decoding and navigating unfamiliar codebases across diverse technology stacks and organizational boundaries. Expert at proactively debugging complex, system-wide issues spanning multiple teams and platforms. Known for breaking down silos by diving deep into legacy systems, third-party integrations, and cross-platform architectures to deliver high-impact solutions. Repeatedly recognized for automating workflows, improving developer productivity, and shipping innovative solutions ahead of schedule through exceptional cross-team technical versatility.

### ENGINEERING EXPERIENCE

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##### Senior Software Engineer (Software Engineer 2) (2021 to 2025) | Software Engineer (2019 to 2021)

Consistently developed scalable features for QuickBooks Capital and QuickBooks Online, with a focus on improving small business access to capital and enhancing platform performance. Drove key initiatives including API integrations, microservices migration, and performance optimization. Collaborated with fellow agile teams and improved code quality through robust testing and mentorship. Earned 22 peer-nominated Spotlight Awards for project excellence over 4 years.

#### Key Projects:

- Mitigated production issues caused by breaking API changes by implementing an automatic OpenAPI schema to Typescript definition generation system via a build pipeline. Earned a Spotlight Award for delivering and presenting a solution that streamlined the development process. **Technologies: Groovy, Jenkins CI/CD, OpenAPI Tooling**
- Transformed Quickbooks Capital underwriting process by implementing generative AI that automatically analyzes loan applications, detects issues, and provides actionable remediation steps, reducing review times and enabling underwriters to process more applications while maintaining quality. **Technologies: Typescript, React, Jest, Generative AI**
- Spearheaded development of an AI-powered code migration tool that automatically converts JavaScript to TypeScript, eliminating manual conversion processes and saving engineering hours. Recognized with org-level award (1 of 4 teams to do so) for improving engineering efficiency. **Technologies: Generative AI, Node.js, Typescript**
- Championed the redesign of the QuickBooks Line of Credit acceptance flow to boost loan approval rates and increase loan volume. Collaborated cross-functionally with other teams of engineers, designers, and project managers to enhance input error handling and reduce support tickets. **Technologies: Typescript, React, React-Query, Playwright, and Jest**
- Increased line of credit signups among users who declined term loan offers by implementing backend service logic to trigger targeted marketing emails. **Technologies: Java, Spring Boot, Camunda**
- Led the UI implementation for the QuickBooks Crypto buy/sell/hold feature, delivering full-stack functionality enabling users to purchase, hold, or sell cryptocurrency via custodial wallet partners using funds from QuickBooks Checking. **Technologies: Typescript, React, Kotlin, Playwright, Jest**
- Initiated and developed the Feedback Service project, creating an integration layer between the UI for QuickBooks Online and the UserVoice platform to streamline feedback collection and enhance form implementation flexibility. **Technologies: Java, Spring Boot**

## LANGUAGES & PLATFORMS

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**PROGRAM LANGUAGES:** Jenkins Groovy | TypeScript | HTML | CSS | SCSS | React | React-Query | Java | JavaScript | C# | MySQL | Python | Lua | PHP | Kotlin

**LIBRARIES/FRAMEWORKS:** Spring Boot | Open API | React | Redux | Redux-Thunk | Node.JS | Playwright | Jest | Junit | Karate | Express

**DATABASE TECHNOLOGIES:** MySQL | PostgreSQL | MongoDB

**CLOUD & INFRASTRUCTURE:** Jenkins (CI/CD) | Docker | Kubernetes

**TOOLS/PLATFORMS:** Open API Generator | Camunda

**CI/CD TOOLS:** Jenkins | Jenkins CI | Argo CD

**DEVOPS/INFRASTRUCTURE:** JFrog/Artifactory | Splunk

**DEVELOPMENT METHODOLOGIES:** Agile/Scrum

**SPECIALIZED TECHNICAL SKILLS:** API Design | Security Implementation | Performance Optimization | Testing Strategies | Development Tooling | Automation | Legacy Code Interpretation/Migration | Code Debugging/Troubleshooting | System Architecture

## EDUCATION

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Rochester Institute of Technology | Bachelor of Science, Computer Science

## LICENSES & CERTIFICATIONS

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[Developing Generative AI Applications with Python](#) | edX | Certificate ID: [09a32664e748450c9c6e28dff07071db](#)

[Verified Certificate for Introduction to Generative AI](#) | edX | Certificate ID: [c47f5313853c4ca9bd0463e05b38258e](#)