

## Senior Software Engineer

### 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 and repeatedly recognized for automating workflows, improving developer productivity, and shipping innovative solutions ahead of schedule through exceptional cross-team technical versatility.

#### ENGINEERING EXPERIENCE

##### *Intuit*

**Software Engineer 2** | May 2021 to April 2025

**Software Engineer** | May 2020 to May 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's 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, Storybook, Generative AI*

- Executed 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*

- Enabled 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, Storybook, 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, Chart.js, 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*

## CO-OP EXPERIENCE

### *Intuit*

**Software Engineer Intern** | May 2019 to December 2019

### *Datto*

**Software Engineering Intern** | January 2017 to August 2017 and May 2018 to August 2018

## LANGUAGES & PLATFORMS

### PROGRAMMING LANGUAGES

TypeScript | HTML | CSS | SCSS | Java | JavaScript | C#  
MySQL | Python | Lua | PHP | Kotlin | Jenkins Groovy

### LIBRARIES/FRAMEWORKS

React | Redux | Redux-Thunk | Node.JS | Next.js | Playwright | Jest | React-Testing-Library | Storybook  
React-Query | Chart.js | Tailwind CSS | Spring Boot | Open API | 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 CI | CircleCI | 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

**Rochester Institute of Technology** | Bachelor of Science, Computer Science | 2015 to 2020

## LICENSES & CERTIFICATIONS

**Developing Generative AI Applications with Python** | IBM | Certificate ID: 09a32664e748450c9c6e28dff07071db  
**Verified Certificate for Introduction to Generative AI** | IBM | Certificate ID: c47f5313853c4ca9bd0463e05b38258e