GRIGOR SARGSYAN

✉ gg.sargsyan.engineer@gmail.com

in linkedin.com/in/grigor-sargsyan-engineer   🔗 https://ggsargsyan.github.io

Summary

Responsible for software engineering of the Intuit QuickBooks Online Payroll (QBOP) Workforce (WF) product across US, UK, and Canada with 11 million active monthly users.

Experience

Software Engineer
Intuit

Jan 2021 - Present (2 years 5 months)

• Grew Workforce by 900K new users by reinventing the Self-Signup Invitation experience, empowering employees with the freedom to access their finances without the need for employer action.
• Applied Generative AI to create a paycheck estimator using ChatGPT LLM, LangChain, and python.
• Automated the CI/CD Jenkins testing using Java and the Cypress testing framework, saving 100s of engineering hours this year.
• Collaborated with Data Scientists to add metrics tracking for Product Managers and create Splunk Dashboards for QuickBooks Payroll.
• Launched dozens of frontend features from scratch in anticipation for the release of the WF Mobile App using React, TypeScript, GraphQL, Jest, and styled-components.

Software Engineer
Northrop Grumman

Jun 2017 - Jan 2021 (3 years 8 months)

• Built a multi-threaded Ignition Safety Device simulator in C# and C++ for testing the hardware of a real next generation missile used by NATO.
• Automated the expansion of telemetry memory maps and databases on the Byte level using Python.
• Optimized OracleDB transaction performance by 8% and eliminated redundancies in agile workflow.
• Hands on experience with distributed systems, Virtual Machines, and private cloud servers.

Education

UC San Diego
BS, Mathematics – Computer Science
2015 - 2017

Lewis University
MS, Data Science
2019 - 2021