Grigor Grantovich Sargsyan

Email: gg.sargsyan.engineer@gmail.com
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Technical Skills	TypeScript, React, GraphQL, Postgres, Java, Python, C#, C++, LLM, Automation, AWS, Splunk
Interests	World History, Human Geography, Podcasts, Jiu Jitsu, Audiobooks, Backpacking, AS Roma

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EDUCATION:

University of California San Diego
BS: Mathematics – Computer Science   September 2015 – June 2017

Lewis University
MS: Data Science   August 2019 – September 2021

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WORK EXPERIENCE:

CurbWaste
Senior Software Engineer - Frontend
09/2023 – Present
- Employee #16 at pre-**Series A startup** building vertical **SaaS Cloud** platform to digitize the waste industry in America.
- Leading refactor effort for frontend into **TypeScript** and supporting database migration from **MongoDB to Postgres**.
- Teamed up with Head of Product to improve UI experience, eliminate churn, and establish a scalable design system.
- Used **Redux** and GoogleMap API to build real time Routing system for dispatchers to capture mid-market customers.

Intuit
Software Engineer – Frontend
01/2021 – 09/2023
- Responsible for feature development of the QuickBooks Online Payroll (QBOP) Workforce (WF) product across US, UK, and Canada with **4.5 million** QBOP and **2.4 million** WF active monthly users.
- Prototyped a paycheck estimator with **Generative AI using ChatGPT LLM**, LangChain, Java, and python.
- 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.
- Saved 100s of engineering hours by automating CI/CD Jenkins jobs using the Cypress testing framework.
- Collaborated with Data Scientists and Product Managers to add metrics tracking, create Splunk Dashboards, and rolled out internal experimentation platform to run A/B testing and feature flags for QuickBooks Payroll.
- **Tech stack used**: Java, Docker, React, Typescript, GraphQL, Jest, Storybook, Styled Components, AWS, Splunk, Figma

Northrop Grumman
Software Engineer – Innovation Systems
07/2017 – 01/2021
- 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 and Anaconda.
- **Optimized PostGres** database transaction performance by 8% and eliminated redundancies in agile workflow.
- Hands on experience with distributed systems, Virtual Machines, and private cloud servers.