# Grigor Grantovich Sargsyan

**Email**: gg.sargsyan.engineer@gmail.com   **LinkedIn**: linkedin.com/in/grigor-sargsyan-engineer   **Website**: ggsargsyan.github.io

**Technical Skills**   Javascript, TypeScript, React, Postgres, Java, Python, C#, C++, LLM, Automation, AWS, Splunk
**Interests**          World History, Human Geography, Podcasts, Jiu Jitsu, Audiobooks, Backpacking

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## EDUCATION:

**University of California San Diego**
**BS: Mathematics – Computer Science**
                                                                    09/2015 - 06/2017

**Lewis University**
**MS: Data Science**                                        08/2019 – 09/2021

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## WORK EXPERIENCE:

**CurbWaste**                                                       09/2023 – Present
*Senior Software Engineer*
- 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.

**LeetCode**                                                       03/2023 – 05/2023
*Content Engineer*
After winning an open submission contest, I was contracted by LeetCode's COO to be the first content engineer on LeetCode's new initiative for frontend JavaScript & TypeScript focused interview problems. I advised, scoped, and implemented the new project which currently has 10's of millions of submission attempts. Check my website for more.

**Intuit**                                                         01/2021 – 09/2023
*Software Engineer – Payroll and Time*
- 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.
- Automated the CI/CD Jenkins testing using Java and the Cypress testing framework, saving 100s of engineering hours within the first year.
- Collaborated with Data Scientists and Product Managers to add metrics tracking, create Splunk Dashboards, and conduct A/B testing experimentation for QuickBooks Payroll.

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