

ADITYA SHARMA

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Work Experience

GitHub

Jun 2026 – Present

Software Engineer, Copilot CLI

Seattle, WA

- Selected to contribute open source to [GitHub Copilot CLI](#) as a Microsoft Dual-Access Employee. Contributing on weekends.

Microsoft

Aug 2025 – Present

Software Engineer, AI & Infra

Seattle, WA

- Developed an **agent eval framework** that reduced error diagnosis time by **4x** per test, was adopted by 5 business teams to validate agentic communication flows, and caught **3 P0** bugs.
- Created an internal **testing agent**, running as a standalone validation service with **99.99% uptime** and reused by the rest of my team for further validation procedures.
- Reduced E2E test runtimes from **8hrs to 1hr**, improving productivity for **15 engineers** and significantly increasing coding-agent velocity. Accomplished by introducing selective test runs in Azure DevOps CI/CD pipelines.
- Authored an **120+ automated-test suite** for the distributed systems data [Import API](#); serving as the feature primary validator; reduced uncaught regressions from **17 to 3** across 3 business teams.

Microsoft

Aug 2022 – Aug 2025

Software Engineer, Full-Stack

Seattle, WA

- Led front-end engineering for the [Slack-to-Teams migration tool](#), shipping 80% of features that migrated **16M+ messages** across **100K+ tenants** and supported a **\$324M+ ARR** migration pipeline.
- Engineered [a push notification system](#) sustaining **<1sec latency** across **1M+ daily events** and 30K+ peak surges; public docs serve 10K+ monthly developers, with an [open-source](#) sample app demonstrating functionality.
- Shipped **4 RESTful Messaging APIs** handling a minimum of **33M+ daily requests** per API, including [CodeBlock formatting](#), [ReplyWithQuote](#), and [Delta Token V2](#). Owned schema design, privacy/compliance review, implementation, deployment, and monitoring.
- Built Geneva and Grafana monitoring dashboards for distributed APIs, identifying **Sev 2 outage risks 3 weeks in advance** and reducing Time To Diagnose to near real-time.

SellStatic

Dec 2022 – Jan 2026

Co-Founder & AI Engineer, Side Venture

Toronto, ON

- Co-founded [SellStatic](#), grew it to **\$1K+ MRR** with a **1.2K-user waitlist** via **75 customer interviews**, developing and shipping **5 GenAI features** while managing a **14-person** cross-functional team.
- Improved user retention by **37%** and reduced COGS by **43%** by replacing external API dependencies with an in-house AI-driven media editor.
- Shipped AI image and video generation features across 5 third-party AI models and distribution capabilities across 5 social media platforms; designed OCR- and heuristic-based evaluation guardrails to improve output quality before customer rollout.
- Developed a RAG Customer Support Chatbot that improved onboarding rate by **22%** and reduced customer support reachouts by **80%** using vector search, BM25, RRF fusion, and reranking.

Education

McMaster University

Sep 2018 – May 2022

B.Eng in Software & Biomedical Engineering

GPA: 3.7/4.0

- 42 months** of additional experience: **28 months** of SWE internships across Microsoft, Konrad Group, CIBC, Loblaw, and Kinaxis; **14 months** as Software Developer, Research Assistant, Databases TA, and Software Requirements TA.

Technical Skills

Frameworks & SDKs: React, .NET, Flask, Django, FastAPI, Node.js, Express, LangChain, LangGraph

Languages: Python, C#, Java, TypeScript/JavaScript

Cloud & Data: Azure, AWS, GCP, Render, MongoDB, CosmosDB, PostgreSQL, SQLite, Redis

APIs, AI & Auth: Microsoft Graph, Gemini, OpenAI, Claude, VertexAI, Stripe, Auth0/JWT

Tools: Git, GitHub, Azure DevOps, Grafana, Confluence, Jira, Jupyter