

# Amod Dhopavkar

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## EXPERIENCE

### Goldman Sachs

Dec 2024 – Present

#### Software Engineer

Salt Lake City, UT

- Transitioned authentication from cookies to WebID, boosting account security and user privacy for 50k+ daily logins.
- Automated regulatory compliance via Spring Boot app, cutting manual review time 40% and zeroing outstanding violations within one quarter.
- Developed Trade Pre-Clearance system supporting 20,000+ daily pre-clearances, automating compliance workflows and reducing manual processing time by 80%
- Containerized microservices with Docker/K8s, raising deployment frequency 3× while cutting rollback time 60%.
- Partnered with security to patch 15 high-risk CVEs, eliminating zero-day exposure before public disclosure.

### DataRobot

May 2024 – Sep 2024

#### Software Engineer Intern

Boston, MA

- Built 3 Streamlit workflows exposing DataRobot models, cutting prediction setup time 30% for 500+ weekly users.
- Refactored React components to WCAG 2.1 AA, expanding accessible user base by 15%.
- Delivered reusable TypeScript dashboard kit, trimming duplicate code 40% and speeding feature delivery 2×.

### Addgene

May 2023 – Dec 2023

#### Software Engineer (Co-op)

Boston, MA

- Cached high-traffic APIs with Redis, slashing latency 55% from 200ms to 90ms under 20k daily calls.
- Built JWT auth/rate-limit gate, blocking 100% of abusive bursts while cutting support tickets 25%.
- Wired real-time logistics APIs, raising shipment-tracking accuracy 30% and trimming “Where is my order?” emails 40%.

### Quantiphi

May 2021 – Aug 2022

#### Software Engineer

Mumbai, India

- Migrated 50TB warehouse Elasticsearch → BigQuery, cutting storage spend 30% and query cost 25%.
- Built Spark/Airflow pipelines, shrinking nightly ETL 35% and landing data 2h earlier for analysts.
- Added DAG-level validation gates, driving data-quality errors to <0.1% and zero SLA breaches for 6 months.

## PROJECTS

### LaTeX Resume Builder – devcv.xyz

[github.com/devcv.xyz](https://github.com/devcv.xyz)

- Engineered a live-preview LaTeX résumé builder (React/Node/TS) that auto-saves in <200ms and exports 500+ PDFs monthly.

### LeetCode PowerUp – Chrome Extension

[github.com/leetcode-powerup](https://github.com/leetcode-powerup)

- Injects YouTube top solutions and a persistent scratchpad into LeetCode pages, saving 5k+ users an average 2min per problem.

## EDUCATION

MS in Computer Science, Northeastern University

Sep 2022 – Dec 2024

BS in Computer Science, University of Pune

Aug 2017 – May 2021

## SKILLS

**Languages & Frameworks:** Python, Java, JavaScript, TypeScript, C/C++, SQL, React, Node, Spring Boot, Flask

**Cloud, DevOps & Data:** AWS, GCP, Docker, Kubernetes, Terraform, Ansible, CI/CD, Apache Airflow, Kafka, MongoDB, Elasticsearch, BigQuery, Redis

**Tools & Concepts:** RESTful APIs, Microservices, Distributed Systems, Grafana, Prometheus, Git