

# Aditya Agrawal

Bengaluru, KA, India

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## Work Experience

### Software Development Engineer - [Amazon](#)

Bengaluru, KA

January 2024 - Present

1 year, 10 months

- Worked in organization called Device Analytics Services (DAS) with teams involved in data security, privacy, and troubleshooting platforms for more than **150 million** Amazon Devices.
- Responsible for ingestion pipeline for Amazon Device Logs. Worked on projects ranging from logs availability, spamming, volume, pattern finding and search. Collaborated on building LLM/GenAI products to automate troubleshooting.
- Created common code multi platform streaming SDKs (for cloud and devices) for data encryption, which handle approximately **35,000 TPS**, managing **60 TB** of data per day.
- Drove system improvements including extensible API/DB structures, reducing heap usage by **20x** and accelerating development time from **40 mins to 0.5 secs** (introduced hot-reload).
- Helped new hires and teammates onboard to the team and technologies. Conducted regular code/design reviews and participated in talent evaluations to maintain high engineering standards.
- **Tech stack:** Java, C, C++, Rust, AWS

### Software Engineer - [Quicko](#)

Ahmedabad, GJ

June 2023 - December 2023

7 months

- Developed and scaled features for bookings, plans and order management, enabling **<40** tax experts to conduct **2,000+** individual tax filings across India during the 2023 tax filing season.
- Developed **multi-threaded** Tax P&L APIs with asynchronous workflows to have resilient architecture for Domestic and Foreign assets trading data for variety of assets (equity, MFs, ETFs, bonds)
- Drove conversations with multiple external businesses and stakeholders around use cases and product integration with **>60%** conversion rate.
- Advocated for development and coding practices and helped in adopting and creating POCs for multiple technologies like Terraform, Go, Code Bundler, as better alternatives.
- **Tech stack:** Java - Spring Boot, Typescript, Flutter, NodeJS

## Technical Skills

### Languages

Java, Python, C, C++, JavaScript, GoLang, Rust, CUDA

### Databases

DynamoDB, PostgreSQL, MongoDB, Redis, TimescaleDB

### Frameworks

Next JS, Express JS, Spring Boot

### Systems

Linux, AWS, Digital Ocean, Heroku

### Tools

Postman, Terraform, Listmonk

## Education

### Bachelor of Technology - Computer Science and Engineering,

Indian Institute of Information Technology, Raichur

CGPA: 8.58/10.00

July 2019 — June 2023