

Aditya Agrawal

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Work Experience

Software Development Engineer - [Amazon](#) Bengaluru, KA

January 2024 - Present
1 year, 9 months

- Worked with teams involved in data security, privacy, and troubleshooting for Amazon Devices.
- Responsible for ingestion pipeline for Amazon Device Logs. Worked on projects ranging from logs availability, spamming, volume, pattern finding and search. Also, worked with teammates to build products using LLM/GenAI to debug issues through device logs.
- 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.
- Worked on system improvements like extensible API and DB structures, reducing heap usage by 20x, solutions to accelerate development time from 5-40 mins to 0.5 secs (hot-reload), etc.
- Helped new hires and teammates onboard to the team and technologies. Was also involved in regular code and design reviews and participated in talent evaluations.
- **Tech stack:** Java, C, C++, Rust, AWS

Software Engineer - [Quicko](#) Ahmedabad, GJ

June 2023 - December 2023
7 months

Quicko is a tax platform for individuals and businesses, offering D2C, B2B, integration-based, and service models to simplify taxes for everyone at scale.

- Developed features around bookings, orders and plans management and conducted 2,000+ meets for individuals tax filing in July month with <40 tax experts 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, etc.)
- 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, etc., as better alternatives.
- **Tech stack:** Java - Spring Boot, Typescript, Flutter, NodeJS

Technical Skills

Languages	Java, Python, C, C++, JavaScript, GoLang, Rust, CUDA
Databases	DynamoDB, Postgres, Mongo DB, 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 (Current): 8.58/10.00

July 2019 — June 2023