

# Chinmey Srivastav

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## Professional Summary

Software Development Engineer with over 3 years of experience, efficient in delivering ideas on schedule. Skilled in backend development, cloud services, and problem-solving.

## Work Experience

### Software Development Engineer - 2, Amazon

05/2024 - Present

- Part of the FireTV Vending team, which owns backend services providing metadata (title, synopsis, image, etc.) and buy box on the Fire TV detail page.
- Led developments in IdTranslation Service, a tier-1 service used across FireTV for converting IDs across namespace with TPS exceeding half million.
- Handled creation of TV-hierarchy for easy accumulation of TV viewing options.
- Contributed to development of incremental data processing, improving end-to-end data flow latency from 1 day to 2 hours.

### Software Development Engineer - 1, Amazon

09/2022 - 05/2024

- Developed core services and contributed to FireTV's Settings and Storage team, managing on-device storage and customer settings.
- Contributed to development of dynamic offload functionality which helps auto-offload apps on device, reducing the percentage of devices in low storage by 50%.
- Built Advanced Low Storage feature, a smart recommender for identifying and uninstalling storage-hogging apps, reducing user time in low storage by 35%.
- Introduced CDK based pipeline creation and propagation, migrating legacy LPT+CFN system.

### Associate Software Developer, Sabre

02/2021 - 09/2022

- Played a key role in developing a new Loyalty Management System, increasing total revenue from Rewards Bookings by 30-40%.
- Implemented features such as Dynamic Rewards, Tax Exception, and Tier Level Profiles.

## Skills

**Languages:** Java, C++, JavaScript, HTML, CSS

**Frameworks and Libraries:** Spring, Mockito, JUnit, ReactJS, Redux

**Version Control and Tools:** Git, Jenkins, AWS, CDK

**Fundamentals:** Object-Oriented Programming (OOP), Database Management Systems (DBMS), Data Structures, Computer Networks

## Achievements

- Won numerous internal awards including award given for showing operational excellence throughout year.
- Top 20% of problem solvers on LeetCode and InterviewBit.
- Captain of chess team that secured 3rd place in Inter-NIT Sports Meet, 2019.
- Ranked 6th in entire state for AISCEE-2017

## Projects

### JSON Custom Deserializer

- Created a custom deserializer to convert JSON to POJO with condition-based data discarding, outperforming libraries like Jackson and FastJSON for specific usecase.
- Benchmarked performance using JMH.
- GitHub Link: [JSON Custom Deserializer](#)

### ReactQuote

- Developed a React app with user authentication, quote viewing/adding functionality, and routing.
- Managed the backend using Node.js and MongoDB.
- GitHub Link: [ReactQuote](#)

## Education

**National Institute of Technology, Jamshedpur** B.Tech, Electronics and Communication Engineering CGPA: 8.86/10

**DAV Public School, Gandhinagar, Ranchi**

Class 12 - CBSE Board

Percentage: 96%