Chinmay Rajpurohit

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Software Engineer   Webpage: coming soon

Education

Indian Institute of Technology (IIT), Delhi	New Delhi
M.Tech - Computer Technology; CGPA: 7.54	July 2024 - June 2026
Government Engineering College, Ajmer	Ajmer, Rajasthan
B.Tech - Computer Science; CGPA: 7.82	May 2018 - May 2022
Central Board of Secondary Education	Jodhpur, Rajasthan
12th: 82.40%	2016 - 2018

Work Experience

Zomato Pvt. Ltd — Gurgaon
Software Engineering Intern (Go, microservices, gRPC, Kafka)   *Jan 2023 - May 2023*
- Managed time and distance deliverables including ETA computation for orders.
- Worked on Go microservices, Redis, DynamoDB, Kafka producers-consumers and gRPCs.

Uber India R&D Pvt. Ltd. — Bangalore
Software Engineering Intern (U4B: Go, Microservices, gRPC, Fx)   *June 2022 - July 2022*
- Designed database schema and APIs for upsert/fetch using Presto.
- Optimized service fee collection workflow by 98% using Go with Fx/Glue framework.

Aarhus University, Denmark
Research Intern: Prof. Magnus Madsen   *June 2021 - July 2021*
- Improved Flix programming language compiler and VSCode extension.
- Added features: auto-completion, highlight, semantic support, code-lenses.

Relevant Projects

Route Optimization and Fairness in Domino's Delivery System — IIT Delhi
M.Tech. Project with Prof. Sayan Ranu, Prof. Amitabha Bagchi   *Jan 2022 - present*
- Collaborated with Domino's to minimize food-delivery time in decoupled order-restaurant-delivery model.
- Built XGBoost ML model to predict preparation time using real data.

Job Scheduling and Management — IIT Delhi
Data Structures & Algorithms: Prof. Subodh Kumar   *Nov 2019*
- Designed Java module for multi-user job execution based on priority and budget.
- Used self-implemented Trie, Min/Max Heap, and Red Black Tree data structures.

Instagram Helper with Auto Posting — Independent
Android Studio + Flask Server   *April 2022*
- Built server for Google Form responses to Instagram posts with template creation.
- Created Android app for manual approval/decline with Flask, PostgreSQL, AWS hosting.

Technical Skills

Languages: Go, Java, Python, C/C++, SQL, JavaScript
Tools: Springboot, Fx, pandas, sklearn, Git, AWS CLI, Docker, Redis

Achievements

- 3rd merit in Class XII among 200,000+ students (RBSE) - May 2017
- CCDSAP certified (CodeChef DSA Program) - Feb 2020
- All India Rank 3, Mission Helix Coding Contest - Nov 2020

Leadership

- TA: Logic for Computer Science (Fall 2022), Parallel Programming (Spring 2023)
- Head Mentor BSW: Led mentorship program for selected student mentors (2022)