Ayush Mahajan

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EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
B.Tech in CSE
Aug 2017 - June 2021
CGPA : 8.5 / 10

SKILLS

LANGUAGES:
• C/C++ • JavaScript
• Python • HTML • CSS
• Shell

FRAMEWORKS:
• Django • NodeJS
• React

DATABASES:
• PostgreSQL • MongoDB • Redis

TESTING:
• Chai • Mocha

OTHER TOOLS:
• Git • Travis CI • Swagger
• Postman

LINKS

Codechef: **ay2306** (6 ☆)
Codeforces: **ay2306** (CM)
Atcoder: **ay2306** (new)
SPOJ: **ay2306** (Rank 6000)

COMMUNITY CONTRIBUTIONS

GOOGLE CULTURE COMMITTEE
Funcapsulators
• Manage Fun Budget and organise team activities as per the social event
• Created a welcoming environment for Nooglers to welcome them in the team.
• Interviewed 10+ Candidates on behalf of Google.

EXPERIENCES

GOOGLE | Software Engineer - II (L3)
07/2021 - Present
- Created **Hermetic Integration Tests** for Public DNS resolution service in Google Cloud DNS which **runs multiple times a day**.
- Worked, maintained, and acted as POC of a a large scale services in Network Analysis Tool, having **bandwidth in Gibps**, processing and Aggregating **TeraBytes of Data Daily**.
- Leading efforts in engineering optimization of Query Latency with expected impact of **saving 2 years worth of cumulative** waiting of Google SWEs

CRED | Backend Intern | Payments Team
01/2021 - 06/2021
- Worked on increasing user retention by 10%
- Worked on changes required as per new RBI Payment Guidelines 2021
- Communicated with external Payment Providers to facilitate smoother integration
- Participated in Service Migration Planning to reduce migration downtime to minimal.

PROJECTS

GRAPHVIZ-CP-SIMPLIFIER | Python | JavaScript | Graphviz | Work in Progress
- Simplifying data structure animations for content creators.
- Can visualize random data structure and algorithm
- Created a framework to support minimal code changes requirement to add new features

COMPETITIVE SNIPPETS | JSON | VSCODE
- 500+ Downloads
- Collection of different implementations of algorithms/data structures commonly asked in competitive programming. Available as an extension on Visual Studio Code.

TIC TAC TOE AGAINST AI | HTML | BootStrap | JQuery | Game Theory
- Used Game Theory to calculate computers move.
- Created Multiple levels according to number of steps to calculate. Used Twitter Bootstrap to create a beautiful design.

ACHIEVEMENTS AND AWARDS

- **Contestant** in **ICPC regionals 2019** (Kanpur)
- Secured **Rank 13 (out of 22000 participants) in Codeforces** Round 637 (div 2)
- **StackOverFlow Contributor** with **Reputations more than 640**
- Ranked **182, 276, 392 and 400** worldwide in **Google Kickstart** and multiple other times **under 1000**
- Qualified to **Google CodeJam 2020 Round 2**