AMAN GUPTA

Jaipur (IND) | +91-7568938710 | guptaaman704@gmail.com | linkedin.com/in/amangupta0709

EDUCATION

Punjab Engineering College, Chandigarh, IND **July 2019-May 2023**
B.Tech in Electronics and Communication Engineering | CGPA: 7.04/10.00

St. Joseph Convent School, Jaipur, IND **April 2019**
CBSE Class XII | Percentage: 86 %

Kendriya Vidyalaya No. 1, Jaipur, IND **April 2017**
CBSE Class X | CGPA: 10.00/10.00

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, SQL
Coursework: Data Structures and Algorithms, Object-Oriented Programming, MATLAB
Technologies: Django, GCP, Selenium, Linux, Git, RabbitMQ, Redis, Celery, PubNub

EXPERIENCE

Software Developer Intern, Bangalore **Dec 2021 - June 2022**
JoshTalks Bangalore
- Developed necessary APIs and DB Architecture of the Features planned for release in Django framework involving technologies such as RabbitMQ, Redis, Celery, PubNub, SQL, etc. which increased DAU/MAU by 23%.
- Resolved 70% of production bugs of different APIs in a weekly meeting with 2 senior developers.
- Used Redis for caching and Django prefetch queryset functions to optimize API response time by 86%.
- Designed and Built A/B testing architecture by splitting API traffic according to variant weights and grouping mutually exclusive campaigns in DB for accurate conversion measurement.
- Managed and monitored the GCP Instances CPU and Disk usages and scaled them accordingly.
- Enhanced production CI/CD triggers by debugging in GCP log explorer, which increased production code release productivity by 80% or more.

PROJECTS

LeetBot Extension (04/2021)
- Built a discord bot to keep track of solved Leetcode questions which helps in better collaborative learning.
- Used Node.js and Repl.it services to deploy discord bot and React.js for an extension to get the data from DOM.
- Implemented Database to keep track of the old questions. A feature that is not available on Leetcode.

COVID-19 Relief Fund (05/2020)
- Teamed with 2 others to make a Crowdfunding Donation website for users to donate to NGOs working to help those in need during this coronavirus pandemic.
- Made a Covid-19 live choropleth map using GeoPandas.
- Implemented a Scrapy Framework to get about 60% of the information from different websites to verify authentically and registered NGOs.

ACHIEVEMENTS

- Secured 98.96 percentile in JEE MAINS 2019
- Solved a total of 250+ questions on LeetCode and a total of 100+ questions on the interview bit.
- Achieved Honourable mention prize out of 200 participating teams at open hacks hackathon conducted by MLH.
- Co-founded the CTF team s0lid4rity that ranked among the top 30 teams in India on CTFtime.

EXTRACURRICULAR

- Member of Invincible Dance Team of Dramatics club in Punjab Engineering College.
- Participated in KVS National Science Exhibition at IISc Bangalore.
- Participated in KVS Under-17 regional chess competition.