Parth Gupta

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C++, Python, JS
GitHub | LeetCode | CodeChef | Codeforces

Education

B Tech, Computer Science - Shiv Nadar University   2022 - 2026
CGPA **8.62**
Dean's List Spring 24, Monsoon 24

Delhi Public School Ghaziabad   2008 - 2022
95.6% Class X, 89.6% Class XII
Scholar for 7 consecutive years with DPSG's highest academic honour, the Silver Memento

Internship Experience

Applied ML Intern, Ecom Express (Python, TensorFlow, FastAPI, MongoDB) [Certificate]   May 2024 - July 2024
- Implemented Machine Learning to automatically recognize riders with and without helmets to help create a rider safety program for 30K field executives
- Created an API to make the process of app integration smoother, achieving a response time of 8ms
- Extracted facial embeddings and implemented a delivery executive validation system using MySQL and MongoDB to ensure personnel match the assigned individuals

Data Science Intern, Conscent.ai (MongoDB) [Certificate]   June 2023 - July 2023
- Analysed data from MongoDB and ClickHouse databases, leading to data-driven decision-making
- Wrote scripts and visualizations using Excel and Matplotlib to present clear and actionable insights

Freelance Coding & Social Media Experience

Persona Essential: Opera GX, Polymarket (Python: Discord.py, MongoDB, Google Cloud) [Testimonial]
Led a team of 75 creators, orchestrating content strategy and marketing campaigns contributing to over 100M+ impressions. Developed an automated management system handling payments, analytics, and content workflows

Personal Projects

StockPiece – Mock Financial Market (TypeScript, JavaScript, React, Tailwind CSS, ExpressJS)
- Created a stock market simulation for the series "OnePiece", focusing on beautiful, dynamic and responsive UI/UX across all devices. (Ongoing)
- Achieved 3000+ accounts, 30k+ page views and 10 million in volume within the first 24 hours of launch.

SkillJourney: Career roadmap (Python: FastAPI, MongoDB, NextJS, ReactFlow, Gemini)
- Developed the backend for my collaborative project, SkillJourney, an entirely new take on skilling unsure university students by giving them a roadmap to their dream job tailored specifically for their profile.
- Worked on creating the logic for the database, roadmap generation, tokenization and serving all API requests.

Discord - Reddit moderation helpers (Python: AsyncPRAW, Discord.py, MongoDB)
- Designed a Moderation Queue Bot that enhances moderator productivity by publishing reported Reddit posts to Discord for one-click action.
- Quality Vote Bot automatically removes an irrelevant post from a subreddit based on the number of downvotes from the user community, leading to a 10x decline in uptime of rule breaking posts

Technical Skills

Languages - C++, C, Python, JavaScript, Typescript, CSS **| Frameworks** - React, FastAPI, TensorFlow, Keras **| Databases** - MongoDB, SQL **| Tools** - Git/Github, Linux | **Cloud** – Hetzner, Cloudflare, Vercel

Other Accomplishments

- **Finalist The/Nudge & Google's** Hack4Change 2024, **Semi-Finalist Smart India Hackathon 2024**
- Contributed to multiple open-source projects during GSSoC'24 and Hacktoberfest'24 with **5+** merges.
- Awarded a Laptop from **HP** in recognition of creating and developing for their community server [Testimonial]
- Honed my DSA & Algorithms skills and earned the title of **Specialist (1538) @ Codeforces** & **3 stars (1735) @ CodeChef,** with a total of **500+** DSA Problems solved across all platforms