

Shaurya Gupta

shauryag2195@gmail.com | [linkedin](#) | [github](#) | [leetcode](#)

EDUCATION

SGGSCC, Delhi University

Bachelor of Science in Computer Science, Minor in Maths

Pitampura, New Delhi

July 2022 – May 2026

PROJECTS

Blog Website | *NextJS, Tailwindcss, React*

- Developed a multiple page portfolio website and integrated blogs primarily using NextJS.
- Deployed the project on github using github workflows which involved making a custom deployment script.
- Implemented Static site generation for faster loading times and better user experience.
- Converted markdown blogs to be viewed in jsx with multiple features using markdown-jsx, markdown making it easier to write blogs.

Weather Forecast App | *Openweather API, geoDB API, REST API, Tailwindcss, React*

- Developed a responsive weather forecast web app for general use.
- Gives detailed information about current weather as well as forecast for next five days.
- Made the design of app to be responsive and coherent for both large and small screens.
- Set API rate limit for ideal API usage and prevent exhausting rate limit.

Lift Simulation | *Javascript, HTML/CSS*

- Developed a fully functional lift simulation using JavaScript.
- Implemented DSA concepts as queues and array for lift scheduling and for floors.
- Minimizing wait times, optimizing lift movement efficiency to create a robust and reliable simulation.

Library Management System | *Go, PostgreSQL, go-chi, pgx, REST API*

- Leveraged the Go with go-chi framework to build a high-performance and responsive API .
- Integrated PostgreSQL (RDBMS) for scalability, ensuring robust storage and retrieval capabilities.
- Developed features for managing library inventory. Enabled users to perform CRUD operations.
- Implemented authentication and authorization mechanisms to ensure secure access to the system.

The Protein Project | *Python, Express.js, Node.js, REST API*

- Project for MLH HackCBS 6.0 Hackathon.
- Created an application designed to recommend users the most optimal combination of fast food options to fulfill their protein intake.
- Utilized Python to develop a machine learning optimization model, facilitating the identification of the most optimal combination of foods based on individual nutritional needs.
- Used Expressjs in backend to enable communication between python scripts and frontend.
- Achieved recognition in the top 5% out of 12,000 applicants during the HackCBS event.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, PostgreSQL, MySQL, JavaScript, Typescript, Go, HTML/CSS

Frameworks: React, Node.js, Next.js, Express.js, Flask, gin, chi

Developer Tools: Git, Docker, Postman, SASS, TailwindCSS, DSA, Firebase

Libraries: pandas, jwt, go/pgx