Mayank Kumar

Chandigarh, Punjab

+91 9508359061 | Email : mail.mayank001@gmail.com | Linkedin : vortex-m | Github : vortex-m

EDUCATION

Chandigarh University, Mohali   July 2023 – June 2027

Bachelor of Technology (B-Tech) in Computer Science & Engineering   *CGPA: 7.83*

A passionate full-stack developer experienced in building scalable backend systems and modern frontend interfaces using NestJS, Node.js, React, GraphQL, and TypeScript. Strong collaborator with hands-on experience in agile teams and a proven track record in leading technical communities.

Experience

1. **DB NextGen** *(SDE)*   *May 2025 – Present*
   - Developed and maintained scalable, secure backend APIs using NestJS, integrating Redis for caching and performance improvements.
   - Designed GraphQL schemas and resolvers, and integrated Apollo Client to enable efficient and reactive data handling on the frontend.
   - Collaborated in an agile, fast-paced startup environment, actively contributing to sprint planning, stand-ups, and feature releases.
   - Built frontend interfaces using React and TypeScript, leveraging type safety to reduce bugs and improve development speed.

2. **Expedia Group** *(Fullstack Engineer)*   *(Jan 2025 – April 2025)*
   - Improved performance of critical API calls from the frontend, reducing latency and enhancing user experience across key flows.
   - Collaborated with cross-functional teams, including product, QA, and frontend engineers, to deliver robust and efficient system improvements.

PROJECTS

1. CU Finder (College Utility App)
   React Native, Socket.io, Web-Hook, Node.js, Python
   a. Developed a comprehensive app for Chandigarh University students to access events, faculty details, blank rooms, and alumni information.
   b. Integrated real-time event updates and faculty search, improving student access speed and accuracy by 30%.

2. Smart Task Manager (Spring Boot Web App)
   Java, Spring Boot, Hibernate, MySQL, React.js, JWT, Docker
   a. Developed a Task Management System allowing users to create, update, and delete tasks with due dates and priorities.
   b. Implemented Spring Boot with RESTful APIs for backend and React.js for frontend UI.

3. Mass Mail Sender
   Python 3, MERN Stack
   a. Developed an automated bulk email sender that reads recipient emails from a CSV file.
   b. Implemented rate limiting and email scheduling to prevent spam flagging.

TECHNICAL SKILLS

- **Languages:** C++, Python, Java, SQL, TypeScript, JavaScript, HTML/CSS
- **Backend:** Node.js, NestJS, Spring Boot, Express.js
- **Frontend:** React, Next.js, Apollo Client, Tailwind CSS
- **Tools/DevOps:** Git, Docker, n8n, CI/CD (GitHub Actions), Redis, MongoDB, MySQL
- **Developer Tools:** VSCode, Postman, Figma, Eclipse, Sublime.