

SHAURYA PRATAP SINGH

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 [leetcodeProfile](#)  [PortfolioWebsite](#)

Education

Rajiv Gandhi Institute of Petroleum Technology

Dec. 2021 – May 2025

Bachelor of Engineering in Computer Science — CGPA: 7.34/10.00 (Till 6th Semester)*

Amethi, Uttar Pradesh

Technical Skills

Languages: C, C++, Python, JavaScript, TypeScript

Frontend: HTML, CSS, React.js, Next.js, Tailwind, React Three Fiber, React Native, Expo


Backend: Node.js, Express.js, REST, WebSockets, Puppeteer, Cheerio

Database: MongoDB, MySQL, Firebase

Other Technologies: Git, GitHub, AWS, Docker, Postman, Figma, Jest, Arduino, Unix/Linux

Framework/concepts: OOP, Data Structures and Algorithms

Experience

Deep Scan |  LOR

Sep 2024 – Nov 2024

Full Stack Developer Intern

- Developed and deployed two production-ready websites using **React.js** and **Nodejs**, ensuring responsiveness, scalability, and a seamless user experience.
- Built a **data-processing** platform that automated **CSV** file ingestion, converted them to **JSON**, and streamlined real-time data processing through API integration.
- Collaborated with team members to deliver clean, maintainable code and optimized existing projects for performance, utilizing **REST APIs** and libraries such as **Axios**, **bcryptjs**, and **Mongoose**.

Projects

Food Store |  Live |  Github


July 2024 - Sep 2024

- Developed a full-stack e-commerce platform for a food store using the **MERN** stack (**MongoDB**, **Express.js**, **React.js**, **Node.js**) with separate **admin** and **customer interfaces**, enabling efficient inventory and order management.
- Designed a dynamic **admin panel** for inventory management, **order tracking**, and **analytics**, **reducing manual workload by 30%**, and optimized API performance and database queries with **Mongoose** for faster load times and scalability.
- Integrated secure payment processing with **Razorpay** and **responsive UI** components using **React.js** and **Tailwind CSS**, enhancing transaction security and user experience.

Greener-Grub |  Live |  Github

Dec 2023 - Feb 2024

- Developed a platform connecting food suppliers with local food banks and NGOs to reduce food wastage, utilizing the **MERN** stack for a scalable and responsive web solution.
- Built separate **admin panels** for NGOs, optimizing operations and logistics, resulting in a **30%** reduction in food spoilage through **real-time** inventory management.
- Implemented **Algorithms** to optimize food rescue routes, reducing transportation costs and enhancing delivery efficiency.

Speech to Text Multilingual App |  Github

Dec 2024 - Jan 2025

- Developed a cross-platform mobile app for **IOS** and **Android** using **React Native**, enabling real-time speech-to-text conversion in **10+ languages**, including **Hindi**, **Japanese**, **Russian**, and more.
- Integrated the **react-native-voice** library to capture speech using the mobile device's microphone and **implemented an API** to translate recorded text with **95% accuracy**, enhancing accessibility and user satisfaction.
- Designed a user-friendly interface inspired by **WhatsApp UI**, resulting in a **increase** in user retention through familiar navigation and chat-style layouts.

Achievement

- Finalist in Reckon 5.0, a hackathon organized by **JIET & Ideaforge Innovation Pvt. Ltd.**
- Qualified IIT-JEE Advanced 2021** (Top 1.4%).
- Vice-President** at ACM (Association for Computing Machinery) RGIPT SC (Aug 2023 - May 2024).
- Co-Chief** of Organizing committee of ENERGIA (Sports Fest) (Aug 2022 - May 2023).
- Solved **400+** problems across various competitive programming platforms.