

Neelesh Kumar Rana

+91 9717624097 | neeshrana22@gmail.com | [linkedin](#) | [Github](#) | [Portfolio](#)

EDUCATION

JIMS Engineering Management Technical Campus, GGSIPU Affiliated Nov 2022 – July 2026
Bachelor of Technology in Computer Science Engineering **8.70 CGPA**

EXPERIENCE

Vice President Mar 2024 – Present
Hashtag Coding Society

- Orchestrated over **10+ technical events**, including **hackathons**, **workshops**, and speaker sessions, enhancing tech engagement across campus.
- Boosted member participation by **40%** through gamified coding sprints and **peer-led mentorship programs**.
- Co-authored learning resources and managed inter-college collaborations with **3+ partner colleges**.

Data Analysis Trainee Dec 2023 – Jan 2024
Deloitte

- Analyzed **50,000+ records** using **pandas** and **matplotlib** to derive insights for financial dashboards.
- Developed **5+ Tableau dashboards** to track KPIs and optimize client decision-making processes.
- Delivered a final capstone project identifying **\$100K+ in potential cost optimizations** through data trends.

PROJECTS

Inroute | *React.js, Express, MongoDB, Gemini* [GitHub](#)

- Created a voice-enabled **route-finder** for differently-abled users, helping them safely navigate urban zones.
- Integrated **Gemini LLM + OpenAI APIs** for route assistance and real-time obstacle detection.
- Launched community-driven reporting system leading to **200+ obstacle reports** in 2 weeks.

Dev Finder | *Next.js, TypeScript, Drizzle ORM, Tailwind CSS, Shad CN, PostgreSQL* [GitHub](#)

- Engineered a **peer-programming platform** using **WebRTC** for video and collaborative coding editor.
- Handled **100+ concurrent sessions** with real-time updates and lag-free experience via **Zustand**.
- Optimized UI responsiveness for all screen sizes with Tailwind and ShadCN components.

AI Web Scraper Agent | *Python, LangChain, browseruse, Claude 3.5 Sonnet* [GitHub](#)

- Developed a natural language-based **autonomous scraper** that extracts structured data from arbitrary websites.
- Leveraged **LangChain** and **Claude 3.5** for decision-making; enabled zero-code data extraction pipelines.
- Introduced environment modularity via **dotenv**, supporting seamless CI/CD deployment.

IMDB Rating Checker | *React, Tailwind CSS, Appwrite* [GitHub](#) | [Live Demo](#)

- Built a movie discovery tool that retrieves live ratings using **REST APIs + Appwrite functions**.
- Added dynamic filters for genre, rating, and year, reducing user search time by **40%**.
- Deployed on **Netlify** with **sub-second render times** and responsive Tailwind UI.

TECHNICAL SKILLS

Languages: Python, C/C++, TypeScript, JavaScript, SQL (PostgreSQL), HTML/CSS
Frameworks & Runtimes: React, Next.js, Node.js, FastAPI, Django, Hono, WordPress
Libraries & Tools: Framer Motion, GSAP, ShadCN/UI, Zustand, Material-UI, pandas, NumPy, Matplotlib
ORMs & Databases: Prisma, Drizzle ORM, PostgreSQL, MongoDB
Developer Tools: Git, Docker, GCP, VS Code, Linux, PyCharm, IntelliJ, Dev-C++
CS Fundamentals: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems (OS), Computer Networks (CN), DBMS, System Design Basics
Soft Skills: Communication, Teamwork, Problem-Solving, Leadership, Adaptability, Time Management

ACHIEVEMENTS & CERTIFICATIONS

- Secured **Top 10 Position** among 250+ teams in national-level hackathon at **NIT Surat**, 2025.
- Completed **Backend Development with Node.js & Express** course on Udemy (2024).
- Attended **AWSome Day Online Conference**, explored AWS services like EC2, S3, Lambda, RDS, and security best practices.
- Participated in multiple hackathons and tech events; consistently recognized for **innovation and teamwork**.