Harsh Sehgal

📞 +91-6388390509   ✉ sehgalharsh700@gmail.com   in LinkedIn   🔘 GitHub

EDUCATION

Institute of Engineering and Technology Dec'21 – Jun'25
Bachelor of Technology in Electrical Engineering; CGPA: 7.15 (up to 6th semester) *Lucknow, Uttar Pradesh*
Mahatma Hansraj Modern School 2020 – 2021
12th Grade; Percentage: 85% *Jhansi, Uttar Pradesh*

EXPERIENCE

Eyantra (IIT Bombay) Feb'22 – Oct'22
Team Member *Remote*
- Designed and developed a robotic assistant, "Hola Bot," capable of executing coordinated movements to draw shapes using ROS (Robot Operating System) on Ubuntu.
- Worked with Python and ROS libraries to simulate and program real-world robotic behaviors, ensuring successful test case completion for predefined objectives.

InternPe Sep'24 – Oct'24
Web Development Intern *Remote*
- Developed the front-end and back-end of a job board platform using ReactJS and NodeJS with features like job posting, application tracking, and responsive design.

PROJECTS

Job Boarding Platform | 🔘 *GitHub*
- Developed features like job posting, application tracking, user authentication, and advanced search filters, resulting in a scalable, user-friendly platform.
- Optimized the front-end for enhanced user experience, ensuring responsiveness and easy navigation on all devices.

Dal-ivery | 🔘 *GitHub*
- Developed a full-stack food delivery site using the MERN stack (MongoDB, Express, React, NodeJS) to cater to over 200 active users. Features include real-time order tracking, cart management, and payment gateway integration.
- Implemented secure login with JWT authentication and ensured data security with encryption techniques, offering a robust and safe platform for users.

Personal Portfolio Site | 🔘 *GitHub*
- Designed and deployed a responsive personal portfolio website using ReactJS to showcase projects, skills, and achievements. Integrated GitHub API for live project updates and implemented SEO optimization for better visibility

SKILLS & INTERESTS

Technical Skills: Programming Languages: Python, Java, MySQL; Data Structures and Algorithms; Frameworks/Tools: ReactJS, NodeJS, Django, Express, MongoDB, ChatGPT, Midjourney
Developer Tools: VS Code, Jupyter Notebook, Git, GitHub
Soft Skills: Teamwork, Leadership, Adaptability, Communication, Problem Solving, Critical Thinking, Decision Making, Time Management
Areas of Interest: Reading Books, Interaction with Financial Experts, Listening to Podcasts, Cricket, Chess, Music, Badminton

LEADERSHIP & INVOLVEMENTS

Technical Lead, Electrical Engineering Society, IET Lucknow
Coordinator, VIDYOUTH (Technical & Cultural Fest, EED, IET Lucknow)
Club Member, INSANIAX (Dance Club, IET Lucknow)

ACHIEVEMENTS

- Achieved a top 10% rating by solving 150+ coding problems on platforms like Leetcode, GeeksforGeeks, and Codeforces.
- Earned a certificate for completing CS50x from Cambridge, Massachusetts, in 2023, including 9 labs & 10 problem sets, and a final project.
- Completed the Full-Stack Web Development Bootcamp by Angela Yu, gaining hands-on experience in building and deploying scalable web applications.
- Secured first place in the EES Technical Quiz, outperforming 20+ competing teams.