Himanshu Saraswat

Computer Science & Engineering | +91-9301420421 | himanshu.s22@iiits.in | LinkedIn | GitHub

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute Of Information Technology, Sri City	7.9 / 10	2026
Higher Secondary	Govt. H.S. School Murar, Gwalior, MPBSE	84.6%	2022
High School	Govt. Engineering H.S. School Gwalior, MPBSE	95.5%	2020

EXPERIENCE

Software Engineering Intern | *prutor.ai*　　　　　　　　　　　　　　　　　May 2024 – July 2024
- Developed a **container management** web app using Node.js, Express, and **Docker** for efficient **orchestration**.
- Implemented **real-time log monitoring** and container lifecycle management for seamless operations.
- Designed an **intuitive UI** ensuring smooth interaction with logs, container status, and deployment controls.

Full Stack Developer | *Nirvana Club*　　　　　　　　　　　　　　　　　Dec 2023 – Apr 2024
- Developed **Nirvana Club's official** website using React, Node.js, Express, and MongoDB.
- Designed an engaging and **responsive UI** with Tailwind CSS to enhance user experience.
- Implemented secure APIs and **optimized database** management for smooth club operations.

PROJECTS

Online IDE | *NodeJs, ReactJs, Redux, MongoDB, Docker, Tailwind*　　　　　June 2024 – Present
- Built an online IDE platform for writing, executing, and sharing code across multiple frameworks
- Designed a responsive interface with React.js and Tailwind CSS, ensuring a seamless user experience
- Used Node.js, JWT for **secure authentication**, and Docker for containerized execution

Stock Analysing website | *Node js, MongoDB, Tailwind, Git*　　　　　　　Aug 2023 – Dec 2023
- Developed a stock analysis web app using Node.js, Express.js, and Tailwind CSS for efficient data handling
- Implemented RESTful APIs for **real-time stock data** exchange and continuous updates

ollama-docker-fastapi | *Python, FastAPI, Ollama, Swagger, Git*　　　　　　Dec 2024 – Jan 2025
- Built an interactive conversational AI app by integrating Ollama inside a Docker container.
- Used FastAPI to handle prompt-based responses, ensuring smooth communication between the user and model.
- Leveraged the **Llama 3 model** for accurate and context-aware response generation, enhancing user interaction.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, latex
Frameworks: React, Node.js, FastAPI, Express, Swagger
Developer Tools: Git, Docker, VS Code, PyCharm, IntelliJ, PostMan, MongoDB
Libraries: pandas, NumPy, Matplotlib, qiskit
Skills: Data Structure and Algorithm, Competitive Programming, OOPs, Full Stack Developer

ACHIVEMENTS

- Secured 931st rank in **Meta HackerCup** Round 2, competing globally. **Certificate**
- Secured 59th rank at **ICPC Asia Continental Regional**, competing among top teams. **Certificate**
- Acquired Junior rank 1* in CodeRush FEB 2023 and got a Tshirt + a Hoody. **Certificate**
- **Codeforces Specialist** with a max rating of **1427**, showcasing strong problem-solving skills.

POSITION OF RESPONSIBILITY

- **Class Representative** in 2nd year, managed academics and student concerns　　*Aug 2023 - Aug 2024*
- **Lead and Founder** of Nirvana Club, driving initiatives and leadership　　*March 2023 - Present*
- **Problem Setter** at Programming Club, crafting challenging coding problems　　*Aug 2024 - Present*