

Himanshu Sahu

+91-9462043729 | himanshu00738@gmail.com | [linkedin/himanshu](https://www.linkedin.com/in/himanshu) | [github/beast00738](https://github.com/beast00738) | [Personal Website](#)

EDUCATION

National Institute of Technology Srinagar

Srinagar, India

Bachelor of Technology in Information Technology | CGPA : 7.4/10

Aug 2019 – June 2023

Coursework: Data Structures, Algorithms, Operating Systems, Database Management Systems

PROJECTS

Load Balancer | *Python, Flask, Multithreading* | [GitHub](#) | [Demo](#) | Aug 2023 - Aug 2023

- Developed a load balancer project using **Python** and **Flask**, effectively **distributing** incoming client **requests** to different backend **servers** using **round-robin** algorithm.
- Utilized **multithreading** within the load balancer to create a software-based **multi-server architecture**.

Mental Health Monitor | *Python, Flask, TensorFlow* | [GitHub](#) | Jan 2023 - Jun 2023

- Developed a Python **Flask-based** system that combines Convolutional Neural Network (**CNN**) and **OpenCV** to detect signs of depression.
- Utilized emotion recognition and a series of questions to assess users' mental health status, **providing valuable insights** and potential **early intervention**.

Blog Website | *CSS, Node.js, MongoDB Atlas* | [GitHub](#) | [Live](#) | Jun 2022 - Jun 2022

- Built a blog website using modern server-side **JavaScript** stack consisting of **Node.js**, **Express.js**, and **EJS**.
- Ensured data availability and security by using **MongoDB Atlas** as the **cloud-based database** service.

Twitter UI | *React.js, HTML, CSS, JavaScript* | [GitHub](#) | [Live](#) | Dec 2022 - Dec 2022

- Designed a **visually engaging** Twitter user interface using **Recat**
- implemented key features, including the **sidebar**, **feed**, and **widgets**, to provide an authentic user experience

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, SQL, HTML/CSS

Frameworks/Databases: React, Node.js, MongoDB, Express.js, Flask, RESTful APIs, MySQL, JQuery, BootStrap

Tools: Git, GitHub, VS Code, PostMan

ACHIEVEMENTS

- ranked 83 globally** in CodeChef Starters 88 **among 18,000+ participants**
- Achieved a 3-star **rating(Max 1656)** on **codechef**
- Solved 500+ coding problems** on various platforms such as LeetCode, GeeksForGeeks, and CodeChef

PROFILE LINKS

- Codechef [🔗](#)
- Leetcode [🔗](#)
- Codeforces [🔗](#)
- GeeksforGeeks [🔗](#)
- CodeStudios [🔗](#)

CERIFICATIONS

- Problem Solving(Intermediate) from HackerRank | [Certificate](#)