

Himanshu Sahu

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EDUCATION

Bachelor of Technology in Information Technology

Srinagar, J&K | Jun 2023

NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

Coursework: Object-Oriented Programming, Data Structures and Algorithms; Operating Systems; Database Management System (DBMS); Discrete Mathematics

SKILLS

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

Technologies: Node.js, Express.js, MongoDB, React.js, Flask, RESTful APIs, MySQL, JQuery

Tools: Git & GitHub, VS Code, PostMan

PROJECTS

MENTAL HEALTH MONITOR

PYTHON, OPENCV, TENSORFLOW, FLASK, JAVASCRIPT

- 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

JAVASCRIPT, CSS, NODE.JS, EXPRESS.JS, EJS, MONGODB ATLAS

- 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.

NEWSLETTER

NODE.JS, EXPRESS.JS, APIs, HTML

- a full-stack web application using **Node.js**, **Express**, and the **Mailchimp API** that allowed users to sign up for a newsletter.
- Securely **collected and stored user data**, making it easy to send targeted newsletters to subscribers.

GOOGLE KEEP CLONE

REACT.JS, HTML, CSS, JAVASCRIPT

- Created a Google Keep app clone using **React** that allowed users to **create, edit, and delete** notes.
- Designed with an intuitive user interface and simple functionality for note-taking and organization.

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

CODING PROFILES

• LeetCode  • CodeChef  • CodeForces  • CodeStudios  • GeeksForGeeks 

CERTIFICATIONS

- Problem Solving(Intermediate) from HackerRank
- SQL(Basics) from HackerRank