# Himanshu Sahu

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## EDUCATION

**National Institute of Technology Srinagar**                                                                       Srinagar, India
*Bachelor of Technology in Information Technology | GPA : 3.17/4*                                    *Aug 2019 – June 2023*
**Coursework**: Data Structures, Algorithms, Operating Systems, Database Management Systems

## PROJECTS

**Google Keep** | *React.js, HTML,CSS, JavaScript* |  GitHub  |  Live  |                                       Feb 2023
- 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.

**Blog Website** | *CSS, Node.js, MongoDB Atlas* |  GitHub  |  Live  |                                          Jan 2023
- 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* |  GitHub  |                                                  Jan 2023
- 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.

**Mental Health Monitor** | *Python, Flask, TensorFlow* |  GitHub  |                               Jan 2023 – June 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**.

## 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