

# SURYANSH SAHU

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MP, India

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## EDUCATION

- Indian Institute of Information Technology, Nagpur**  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 9.01(till 4rd sem) 2022 - 2026*  
**Relevant Courses:** Data Structures and Algorithms, Numerical Method and Probability Theory, Application Programming, Introduction to Object Oriented Programming
- Sri Sathya Sai Vidya Vihar** Raghogarh MP  
*Class XII - Percentage: 92% (2021) Class X - Percentage: 76.6% (2019)*

## SKILLS

- Programming Languages:** C, C++, Python, HTML, CSS, JavaScript, ReactJS, NodeJS, R
- Frameworks and Databases:** Bootstrap, MySQL, PostgreSQL, MongoDB
- Relevant Libraries:** Pandas, Matplotlib, NumPy, Seaborn, plotly, ggplot2
- Tools and Platform:** Visual Studio Code, Github, Git, Postman, MySQL Workbench, pgAdmin, MongoDB Atlas

## PROJECTS

- Dynamic Portfolio**   
JavaScript, ReactJS, CSS, Material UI, NodeJS ,Express, JWT, PassportJS, MongoDB 08/2024
  - Developed a dynamic portfolio website using React.js, Node.js, and Express, featuring a responsive and interactive user interface. The backend, powered by MongoDB, manages data efficiently while allowing users to dynamically change themes, styles, and colors without altering the code.
  - Implemented secure authentication and authorization using JWT and Passport.js, protecting routes and user data. Designed an admin panel with a secure login system, enabling content updates and dynamic changes to the portfolio. Without logging in, data updates are restricted, ensuring only authorized users can modify content.
- Color-Picker**   
JavaScript, ReactJS, CSS, Material UI 06/2024
  - Developed a color picker tool featuring an initial set of 8 color palettes, with capabilities for users to modify, delete, or create custom palettes. The tool allows for exploring various colors and shades, and includes options to copy hex, RGB, and RGBA codes for precise color management.
  - Designed with a responsive and user-friendly interface, ensuring a seamless experience across devices and providing dynamic updates with an accessible, visually appealing layout.
- Himalayas**   
HTML, CSS, JS, Python, Django, Openai, sqlite3 10/2023
  - Spearheaded the development of a comprehensive website for the IIT Mandi Code for Good hackathon, focusing on the theme of "Himalayas."
  - Designed and implemented a user-friendly interface allowing visitors to explore various districts of Himachal Pradesh (HP) state. Incorporated features to showcase 3 prominent tourist destinations within each district, providing essential information and highlights for travelers seeking to explore the region.
  - Integrated real-time weather forecasting functionality to offer users insights into the weather conditions of specific districts within HP. Implemented interactive mapping functionalities, enabling users to visualize geographic locations directly on the website interface.

## ACHIEVEMENTS

- Leetcode Rating : 1689** Till 8/24  
400+ Question on Leetcode  
Leetcode Profile
- Codeforces Rating : 1000** Till 8/24  
Codeforces Profile
- Codechef Rating : 1615** Till 8/24  
Codechef Profile