



# Satya Prakash Sahu

Master of Computer Application (MCA)  
National Institute Of Technology, Agartala

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## EDUCATION

- |   |            |
|---|------------|
| • <b>National Institute of Technology, Agartala</b> | 2023-2026  |
| Master of Computer Application (MCA)                | CGPA: 8.1  |
| • <b>North Orissa University, Odisha</b>            | 2019-2022  |
| B.sc Computer Science(Hons)                         | CGPA: 8.51 |

## PERSONAL PROJECTS

- |   |                              |
|---|------------------------------|
| • <b>MERN Stack Development for YouTube-Clone-Backend</b>   | January 2025                 |
| (Mongoose, NodeJS, ExpressJS)   | <a href="#">GitHub Link</a>  |
| <ul style="list-style-type: none"><li>– Architected a scalable and optimized backend for a YouTube-based project using Node.js, Express.js, and MongoDB.</li><li>– Designed implemented RESTful APIs for video uploads, user authentication, comments, and subscriptions, ensuring seamless interaction between frontend and backend.</li><li>– Integrated Cloudinary for efficient and optimized video and image storage, enabling automatic resizing and transformation.</li><li>– <b>Database Management:</b> Used Mongoose to design a well-structured, schema-based database, ensuring efficient data handling and indexing for faster query performance.</li><li>– <b>Security:</b> Implemented JWT-based authentication and role-based access control, ensuring secure API endpoints and protected user data.</li><li>– <b>Testing:</b> Conducted automated API testing using Postman and implemented error-handling middleware to ensure application reliability.</li></ul> |                              |
| • <b>Food Delivery Website   Frontend Development</b>   | April 2024                   |
| (HTML, CSS, Javascript)   | <a href="#">GitHub Link</a>  |
| <ul style="list-style-type: none"><li>– Built a fully responsive and user-friendly food delivery platform with an intuitive UI.</li><li>– Designed modern, visually appealing interface using custom CSS and animations.</li><li>– Developed interactive features like real-time form validation and dynamic content updates.</li><li>– Optimized performance for fast load times, cross-browser compatibility, and mobile-first design.</li><li>– Implemented javascript-driven interactivity, enhancing the overall user experience.</li></ul>  |                              |
| • <b>Personal Portfolio Website</b>   | September 2023               |
| (HTML, CSS, Javascript)   | <a href="#">Website Link</a> |
| <ul style="list-style-type: none"><li>– Implemented High Quality and Responsive Design Portfolio website.</li><li>– Included Live Style Switcher, 5 Color Skins, Light/Dark Mode, and typing effect functionality using vanilla JavaScript</li></ul>  |                              |

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Sql, Html, Css, JavaScript

**Frameworks:** React, Rest-API

**Databases:** MongoDB, MySql

**Soft Skills:** Communication, TeamWork, Problem-solving, Adaptability, Time Management, Leadership

**Coursework:** DSA, DBMS, Web Technology, Operating System, Problem-Solving Programming, Object-Oriented Programming, Network, Software Engineer Principles

**Areas of Interest:** Coding, Prompt Engineering, Development, Public Speaking, and Leadership

## ACHIEVEMENTS

- National Exam:** Secured AIR 643 in NIMCET 2023 National Level MCA Entrance Examination
- Solved 100+ problems on Leetcode