Satya Prakash Sahu

Master of Computer Application (MCA)
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EDUCATION

•**National Institute of Technology, Agartala** *2023-2026*
Master of Computer Application (MCA) CGPA: 8.1

•**North Orissa University, Odisha** *2019-2022*
B.sc Computer Science(Hons) CGPA: 8.51

PERSONAL PROJECTS

•**MERN Stack Development for YouTube-Clone-Backend** *Januarry 2025*
(Mongoose, NodeJS, ExpressJS) GitHub Link

- Architected a scalable and optimized backend for a YouTube-based project using Node.js, Express.js, and MongoDB.
- Designed implemented RESTful APIs for video uploads, user authentication, comments, and subscriptions, ensuring seamless interaction between frontend and backend.
- Integrated Cloudinary for efficient and optimized video and image storage, enabling automatic resizing and transformation.
- **Database Management:** Used Mongoose to design a well-structured, schema-based database, ensuring efficient data handling and indexing for faster query performance.
- **Security:** Implemented JWT-based authentication and role-based access control, ensuring secure API endpoints and protected user data.
- **Testing:** Conducted automated API testing using Postman and implemented error-handling middleware to ensure application reliability.

•**Food Delivery Website | Fronted Development** *April 2024*
(HTML, CSS, Javascript) GitHub Link

- Built a fully responsive and user-friendly food delivery platform with an intuitive UI.
- Designed modern, visually appealing interface using custom CSS and animations.
- Developed interactive features like real-time form validation and dynamic content updates.
- Optimized performance for fast load times, cross-browser compatibility, and mobile-first design.
- Implemented javaScript-driven interactivity, enhancing the overall user experience.

•**Personal Portfolio Website** *September 2023*
(HTML, CSS, Javascript)

- Implemented High Quality and Responsive Design Portfolio website.
- Included Live Style Switcher, 5 Color Skins, Light/Dark Mode, and typing effect functionality using vanilla JavaScript

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, Oblect-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