

Roshan Kumar Sahu

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Education

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

Karnataka, India

B.E. in Information Science and Engineering

2021 – 2025

CGPA: 7.93/10

OXFORD PUBLIC SCHOOL

Jharkhand, India

Class XII - 78.6%

2019 – 2020

Vivekananda Vidya Mandir

Jharkhand, India

Class X - 84%

2017 – 2018

Technical Skills

- **Programming Languages:** Python, Java
- **Frontend Technologies:** HTML5, CSS3, ReactJS, Tailwind CSS, Bootstrap, JavaScript(ES6+)
- **Backend Technologies:** Node.js, Express.js, RESTful APIs
- **Developer Tools:** Git, VS Code, Eclipse, Postman
- **Database Management:** MongoDB, SQL
- **Core Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems (OS), Database Management Systems (DBMS)

Experience

Front-End Web Developer Intern

CodeClause, Bangalore, India

Sept 2023 – Oct 2023

- Built responsive front-end components with **HTML**, **CSS**, and **JavaScript**, reducing load times by 150ms.
- Optimized web interfaces through debugging and performance improvements for seamless functionality.

Projects

- **TravelLodge - Full-Stack Web Application**
 - Designed and implemented a web application for booking travel accommodations inspired by Airbnb using **React.js**, **Node.js**, **Express.js**, and **MongoDB**.
 - Built user authentication using **Passport.js** for secure login and registration.
 - Implemented CRUD operations for managing user bookings and property listings.
 - Integrated interactive maps using **Mapbox** for location-based services.
- **Real-Time Chat Application**
 - Developed a real-time chat application using **React.js** for the frontend and **Node.js** with **Socket.io** for the backend.
 - Implemented features like real-time messaging, online status indicators, and message history retrieval.
 - Enhanced understanding of real-time web applications and the event-driven architecture of **Socket.io**.

Certifications

- Infosys Springboard Java Programming Fundamental
- Complete Java Programming Udemy
- CCBP 4.0 NxtWave