

# Roshan Kumar Sahu

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## Education

### NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

B.E. in Information Science and Engineering

CGPA: 7.63/10

Karnataka, India

2021 – 2025

### OXFORD PUBLIC SCHOOL

Class XII - 78.6%

Jharkhand, India

2019 – 2020

### Vivekananda Vidya Mandir

Class X - 84%

Jharkhand, India

2017 – 2018

## Technical Skills

- **Programming Languages:** Java, C, JavaScript
- **Frontend Technologies:** HTML, CSS, React.js
- **Backend Technologies:** Node.js, Express.js, REST APIs
- **Database Management:** MongoDB, SQL
- **Developer Tools:** Git, VS Code, Eclipse, Postman
- **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

- Developed responsive and user-friendly web interfaces.
- Implemented front-end components using **HTML**, **CSS**, and **JavaScript**.
- Developed projects and ensured their smooth functioning through debugging and performance optimization.

## 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.
- **Full-Stack Trading Platform**  
Developed a stock trading platform clone using **React.js** for the frontend and **Node.js** for the backend.
  - Simulated trading platform features like user authentication, portfolio management, and stock visualization.
  - Designed RESTful APIs for real-time stock data and dynamic updates.
  - Enhanced performance by implementing state management with **React**.

## Certifications

- Infosys Springboard Java Programming Fundamental
- Complete Java Programming, Udemy
- Web Development, Udemy