



# Rakesh Kumar Sahu


## Full-Stack Developer

Targeting for the role of **Full-Stack Developer** in an organization with a scope of improving knowledge and further career growth.

### Contact

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### Academic Details

- Master In Computer Application(MCA)  
National Institute of Science and Technology, Berhampur;  
CGPA: 8.15  
(PASSOUT-2024)

### Soft Skills

Analytical | Collaborator | Leader | Adaptable

### Technical Skills

- Programming Languages: HTML, CSS, JavaScript, JAVA, C, Typescript
- Frameworks and Libraries: React, Node, Express,
- Databases: MySQL, MongoDB
- Software Tools and IDE: Git, Github, VS code

### Core Competencies

Agile Methodologies

Software Development Life Cycle

Restful API

Debugging

Web Services

### Personal Details

**Date of Birth:** 10 Aug 2001  
**Languages Known:** English, Hindi and Odia  
**Address:** Berhampur, Ganjam

### Profile Summary

I build connections between the fields of physics and computer applications, from deciphering the secrets of the cosmos to creating state-of-the-art technology. Together, with my intense curiosity and enthusiasm for innovation.

### Projects

#### CONTACT MANAGEMENT SYSTEM

**Tools:** React, Node, Express, MongoDB

#### WEATHER DETECTION SYSTEM

**Tools:** HTML, CSS, JavaScript, Weather API

#### CURRENCY CONVERTOR

**Tools:** React, Currency API

### Work Experience and Internships

I have completed a 4-month web developer internship at Taksh Softwares, Berhampur. where I gained hands-on experience in building and optimizing web applications using technologies like HTML, CSS, JavaScript, React.js, Node.js, and TypeScript, while collaborating with a development team to deliver functional and scalable solutions.

### Detailed Explanation

#### Contact Management System

- Contact management system is used to store contact list information of User.This Contact Management System implements
- Utilizes React.js on the frontend for a user-friendly, interactive interface.
  - Utilizes Node.js and Express.js on the backend for efficient server-side operations.
  - Implements JWT (JSON Web Tokens) for secure user authentication.
  - JWT ensures secure transmission of information as a JSON object, preventing unauthorized access to sensitive information.
  - The system provides a reliable, user-friendly solution for storing and managing user contact information.
- The backend infrastructure provides necessary scalability and security to protect user data.

#### Currency Convertor

- Currency Convertor utilizing React Hooks for Seamless Conversion
- Utilizes React hooks like useState and useEffect to fetch exchange rate data from reliable APIs.
  - Ensures currency conversions are always up-to-date and reliable.
  - User-friendly and intuitive design for individuals and businesses.
  - Empowers informed financial decisions with confidence.
  - Experience the convenience of the currency convertor and witness the seamless integration of React hooks.

