ROHIT KUMAR SAHU

Anuppur, Madhya Pradesh, India

📞 +91 9301780235 ✉ rohitsahu0235@gmail.com 🔗 linkedin.com/in/rohit-kumar-sahu-ba19a2238 ⭘ github.com/rohit0235

Education

VIT Bhopal University	**May. 2022 – May 2026**
Bachelor of Technology in Computer Science and Engineering (GPA: 9.14 / 10.00)	*Bhopal, Madhya Pradesh*

Government HSS Excellence Anuppur	**May. 2021 – May 2022**
Senior Secondary School Certificate (Class XII) (Percentage: 96.20 / 100.00)	*Anuppur, Madhya Pradesh*

Government HSS Excellence Anuppur	**May. 2019 – May 2020**
High School Certificate(Class X) (Percentage: 96.25 / 100.00)	*Anuppur, Madhya Pradesh*

Technical Skills

Programming Languages: C++, C,JavaScript
Development: Node.js, React.js, Express.js,RESTful APIs, HTML, CSS,Unity(Game Development)
Databases: MySQL, MongoDB
Tools & Technologies: GitHub,Postman,Vuforia(Ar/Vr)
Relevant Coursework: Data Structures and Algorithms, Computer Networks, Database Management Systems, Object-Oriented Programming(OOPs),Agile methodology,Operating System

Experience

Hewlett Packard Enterprises	**Jan 2025 – Jun 2025**

Machine Learning Intern
- Worked on a company-assigned project focused on Artificial Intelligence and Machine Learning to develop innovative enterprise solutions.
- Engineered an automated file detection tool using ML algorithms that improved the accuracy of data categorization for internal cybersecurity workflows by 86%.
- Designed and implemented classification algorithms to accurately detect and categorize file types based on content and metadata, enhancing data retrieval and security workflows.

Projects

Disaster Recovery Coordination Platform | *MongoDB, Express.js, React, Node.js*	**May 2025 – Oct 2025**

- Enhanced a full-stack **MERN** application to serve as a central platform for coordinating disaster relief efforts, enabling users to report incidents, request aid, and register as volunteers.
- Executed a secure user management system using **JSON Web Tokens (JWT)** for authentication and role-based authorization, safeguarding sensitive user data with **bcrypt** password hashing.
- Planned and expanded a comprehensive **RESTful API** with **Node.js** and **Express.js** to manage disaster reports and volunteer data, ensuring a scalable codebase through an MVC architecture.

E-Learning Platform | *MongoDB, Express.js, React.js, Node.js*	**Oct 2024 – Feb 2025**

- Built a **Full-stack** E-learning platform enabling online course delivery, user management.
- Applied **JWT-based** authentication and authorization for secure registration, login, and profile management.
- Improved **RESTful APIs** for course management and content delivery, ensuring scalability and maintainability.

AI Recipe Generator | *React.js, Node.js, OpenAI API, MongoDB*	**Jun 2024 –Oct 2024**

- Developed a Full-stack AI-powered application that generates customized recipes based on user inputs like ingredients.
- Integrated OpenAI **API** to process natural language queries and return structured recipe recommendations.
- Created **RESTful APIs** using **Node.js** and **Express.js** to handle requests and connect the AI model.

Achievements

- **ZS Campus Beats Challenge:** Ranked among the **Top 50** teams in the **ZS Campus Beats** Challenge.
- **EricssonEdge Academia:** Recognized for outstanding achievement, securing a spot in the **Top 500**.
- **Codeforces:** Attained the rank of **Specialist** with a Contest rating of **1464**. codeforces.com/profile/rohit0235
- **LeetCode Weekly Contest 427:** Ranked **2,906 / 22,325**. https://leetcode.com/u/rohit9301/
- **GeeksforGeeks:** Achieved a **3-Star rating** (University Rank: 10). https://www.geeksforgeeks.org/user/rohitsaag3p/
- **STARS Scholarship:** Awarded a **100% Scholarship** by VIT Bhopal University.

Extracurricular / Certifications

- **Coding Blocks Club:** Organized 5+ coding events, quizzes, and hackathons as a **Core Member**.
- **HackerRank:** Earned a **Frontend Developer (React)** Certificate in June 2025.