

Rohit Kumar Sahu

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Education

VIT Bhopal University <i>Bachelor of Technology in Computer Science and Engineering (GPA: 9.18 / 10.00)</i>	Expected May 2026 Bhopal, Madhya Pradesh
Govt HSS Excellence Anuppur <i>Senior Secondary School Certificate (Class XII)</i>	May 2022 Anuppur, Madhya Pradesh
Govt HSS Excellence Anuppur <i>High School Certificate (Class X)</i>	May 2020 Anuppur, Madhya Pradesh

Experience

Hewlett Packard Enterprise (HPE) <i>Project Intern</i>	Feb 2025 – Jun 2026
<ul style="list-style-type: none">Working on a company-assigned project focused on Artificial Intelligence and Machine Learning to develop innovative enterprise solutions.Collaborating with cross-functional teams to design and implement scalable ML models for real-world enterprise use cases.Designing and implementing classification algorithms to accurately detect and categorize file types based on content and metadata, enhancing data retrieval and security workflows.	

Technical Skills

Programming Languages: C++, C, Python
Development: HTML, CSS, JavaScript, Node.js, React, Express.js, MongoDB, JWT, Unity Engine, Augmented Reality
Tools & Technologies: SQL, Git
Soft Skills: Task Management, Adaptability, Team Building, Time Management
Relevant Coursework: Data Structures & Algorithms, Computer Networks, Database Management Systems

Projects

E-Learning Platform MongoDB, Express.js, React.js, Node.js, Redux	Oct 2024 – Feb 2025
<ul style="list-style-type: none">Built a full-stack E-learning platform enabling online course delivery, user management, and instructor-student interaction.Implemented JWT-based authentication and authorization for secure registration, login, and profile management.Developed RESTful APIs for course management and content delivery, ensuring scalability and maintainability.	
CrimeSafe Navigator – Crime Detection Web App Node.js, React, Git, Express.js	Aug 2024 – Sep 2024
<ul style="list-style-type: none">Developed a responsive web app for real-time crime analytics using React.js frontend and Node.js/Express.js.Integrated real-time APIs to fetch and visualize live crime data, providing users with data-driven insights.Worked in a collaborative Git workflow with feature branches, pull requests, and issue tracking.	
AR Discoveries – Interactive Learning for Kids Unity, Vuforia, Blender, Augmented Reality	Jan 2024 – Jun 2024
<ul style="list-style-type: none">Created an AR educational app for children using Unity and Vuforia, promoting immersive learning.Implemented AR marker tracking and 3D object recognition for real-time interaction with digital content.	

Achievements & Extracurricular Activities

- Awarded the **Dreamed STARS Scholarship** (100% tuition fee waiver) by VIT Bhopal.
- Achieved a **3-Star rating** on GeeksforGeeks (Global Rank: 10,055 – University Rank: 10).
- Ranked **2,906 / 22,325** in LeetCode Weekly Contest 427.
- Ranked among the **Top 50** teams in the ZS Campus Beats Challenge.
- Organized 5+ coding events, quizzes, and hackathons as a **Core Member** of the Coding Blocks Club at VIT Bhopal.

Certifications

University of Michigan: <i>Intro to AR/VR/MR/XR: Technologies, Applications & Issues</i>	Dec 2023
NPTEL: <i>Foundations of Cyber Physical Systems</i>	Apr 2024