

Rushikesh Joshi

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Professional Summary

Computer Science student specializing in Web Development and Software Development. Skilled in building scalable web applications with Python, JavaScript, React.js, Node.js, and AWS. Passionate about clean code, system optimization, and agile collaboration.

Technical Skills

- Programming: Python, C,C++, Java
- Machine Learning & AI: AWS ML, TensorFlow
- Web Development: HTML5, CSS3, JavaScript, React.js, Node.js, Express.js
- Databases: MongoDB, Firebase
- Cloud & Deployment: AWS Cloud Services, Vercel, Docker
- Core CS Concepts: Data Structures, Algorithms, Computer Networks, Network Security
- Development Tools: Git/GitHub, Postman

Work Experience

AI/ML & Cloud Security Intern

AICTE Virtual Internship (Sep 2023 - Nov 2023)

- Developed machine learning models for security applications using Python and AWS ML Services.
- Improved threat detection accuracy by 20% through AI-driven analysis.
- Assisted in implementing secure AI/ML workflows for cloud security.

Cloud Security Intern

AICTE Zero Trust Cloud Security (Jan 2024 - Mar 2024)

- Implemented secure cloud integration techniques, reducing vulnerabilities by 30%.
- Researched and developed ML-based security solutions to detect anomalies in cloud environments.
- Enhanced data encryption and compliance strategies for cloud infrastructure.

Android Developer Intern

AICTE Virtual Internship (Apr 2024 - Jun 2024)

- Designed and developed Android applications using Java/Kotlin in Android Studio.
- Optimized UI/UX for a 40% increase in user engagement.
- Integrated RESTful APIs for real-time data retrieval and improved app performance.

Projects

Full Stack Escape Room Game (<https://landingpage-hazel-mu.vercel.app/>)

- Developed a MERN stack-based escape room game with authentication and dynamic challenges.
- Created secure RESTful APIs using Node.js & Express.js, managing game state with MongoDB.
- Deployed on Vercel with real-time updates, enhancing user experience.

Netflix Clone (<https://clone-frontend.netlify.app/>)

- Built a responsive Netflix UI using React.js with API integration for dynamic content.
- Implemented state management and optimized rendering, reducing load times by 35%.
- Enhanced user experience with intuitive navigation and UI components.

Education

Bachelor of Technology (B.Tech) in Computer Science & Engineering

Nagpur Institute of Technology, RTMNU, Nagpur (2022 - Present)

- CGPA: 8.2 (1st Year), 7.7 (2nd Year), 7.5 (Latest Semester)
- Relevant Coursework: Data Structures, Algorithms, Machine Learning, AI, DBMS, Computer Networks, Network Security

Certifications & Training

- AWS Academy Data Engineering (Issued:2025)
- AWS Academy Machine Learning Foundations (Issued: 2024)
- AWS Academy Cloud Operations (Issued: 2024)
- AWS Academy Cloud Foundations (Issued: 2024)
- Certification in C and C++ (Issued: 2023)

Publications

- Enhancing Learning Through Gamification: The Escape Room Coding Game
Published in International Journal of Research Publication and Reviews (IJRPR), Volume 6, Issue 3

Technical Exploration & Leadership

- AI/ML Hackathons: Regular participation in AI and ML competitions.
- Workshops & Webinars: Engaged in AI/ML seminars and cloud security training.
- Technical Leadership: Organized web development workshops for peers.
- Community Engagement: Active member of Rotaract Club.