





Mohit Viswkarma

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Education

Indian Institute of Information Technology, Allahabad (IIITA)	2024 – 2026
<i>M.Tech in Network and Security</i>	<i>CGPA: 7.54/10</i>
University Institute of Technology, RGPV, Bhopal	2019 – 2023
<i>B. Tech in Information Technology</i>	<i>CGPA: 6.92/10</i>
Shubham Convent Higher Secondary School, Nasrullaganj	2016 – 2018
<i>Senior Secondary (Science)</i>	<i>Percentage: 87%</i>

Work Experience

Software Engineer Intern — Cixcent Technologies	Hyderabad, India — May 2023 – Aug 2023
<ul style="list-style-type: none">– Integrated 10+ RESTful APIs to accelerate data retrieval by 30% for key user dashboards, proficiently handling large datasets.– Created 5+ reusable React/TypeScript components, enhancing UX and improving application scale and performance.– Optimized data handling and refactored API calls with Axios for caching, reducing application load times by 25% and addressing performance issues.– Ensured 99% bug-free delivery by rigorously testing 20+ API endpoints and resolving 15+ critical bugs pre-deployment, showcasing hands-on debugging applications.	

Projects

IntelliVibe - AI-Powered Hiring Platform	Deployed Link
<ul style="list-style-type: none">– Shipped a secure MERN platform for hiring: job posting, applications, scheduling, video interviews, and reports.– Auth + RBAC with Passport/JWT; REST APIs with validation, pagination; MongoDB schemas and indexes.– React front end with protected routes, reusable UI components, and employer/candidate dashboards.– Real-time interview experience via Socket.IO; reliable uploads for resumes/media.– AI augments core flows (resume screening, interview prompts) without coupling business rules to models.– Project Link: Github	
SecureDocs	Deployed Link
<ul style="list-style-type: none">– Build a full-stack secure document sharing platform using Identity-Based Encryption (IBE), providing 256-bit encryption for an on-premise environment with robust data security.– Developed the core crypto-engine in C++ (PBC, GMP), compiling to WebAssembly (WASM) for 20x faster client-side encryption, optimizing for performance issues.– Architected a decoupled backend with Node.js and a dedicated Key Distribution Center (KDC), reducing key generation latency by 30% and enhancing system scale.– Project Link: Github	

Technical Skills

Languages: C/C++, JavaScript, HTML/CSS, **Bash**, MySQL
Technologies: React.js, **Node.js**, **REST APIs**, Express.js, **MongoDB**, Express
Developer Tools: Git, GitHub, Postman, **Docker**
Operating Systems: Unix like systems, **Ubuntu**

Relevant Coursework

• Data Structures & Algorithms • Operating Systems • DBMS • OOPS • Computer Networks • Introduction to Cryptography

Achievements

- Solved **400+** DSA problems on platforms including LeetCode, GeeksForGeeks, and Codeforces.
- Scored in the **97.19 percentile** on the GATE 2024 (CS/IT) exam among 123,967 candidates, achieving a GATE score of 558.