Nakshatra Raghuvanshi

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EDUCATION

VIT Bhopal University   *Bhopal, Madhya Pradesh*
Bachelor of Technology in Computer Science, Minor in Education Technology   *CGPA: 8.14*
                                                                                                                                            Oct 2022 – Sept 2026

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS
Technologies/Frameworks: Spring Boot, React.js, Express.js
Databases: PostgreSQL, MongoDB, MySQL
Tools /Others: Git, GitHub, Postman, VS Code, REST APIs, Microservices, Firebase

EXPERIENCE

Software Intern   *Nov 2024 – Mar 2025*
AIRDIT Software Services
- *Participated in the full software development lifecycle—requirement analysis, coding, testing, debugging, and deployment of production features.*
- *Wrote clean, modular, and reusable code following best practices and performed regular API testing using Postman.*
- *Identified and resolved 95%+ reported bugs, improving application reliability and user experience.*
- *Contributed to workflow improvements by exploring modern technologies, reducing development time by 10%*

PROJECTS

ClaimsEase | Java, Maven, Spring Boot, NodeJS, REST API, Angular   April 2024 – Aug 2024
- Developed a MediClaim MVC portal enabling users to view policy details, submit claims, and track claim status through an integrated Angular frontend and Java Spring Boot microservices.
- Designed and implemented four backend microservices (Authorization, Policy, Claim, and Member) using Spring Boot, Maven ensuring modularity and secure data handling.
- Integrated Postman for API testing and documentation, with Angular 8 frontend and Node.js runtime for responsive and efficient UI performance.

Women's Safety Website | *HTML/Talwind.css, React.js, APIs, Firebase, TypeScript*   *Nov 2024 – Dec 2024*
- *Built a responsive web platform providing 5+ safety resources, including police station lookup, emergency contacts, and safety guides.*
- *Developed a real-time "Red Alert" module allowing users to instantly notify trusted contacts during emergencies.*
- *Implemented reusable UI components, optimized API responses, and conducted testing to ensure consistent performance.*

Microtask Vault | *Next.js, Machine learning, React.js, Talwind.css TypeScript*   *Dec 2023 – Apr 2024*
- *Implemented a scalable microservices architecture enabling distribution of tasks into 100+ microtasks.*
- *Utilized ML models for smart task allocation, sentiment analysis, fraud detection, and quality scoring.*
- *Integrated secure crypto-payment flows capable of handling 500+ transactions per second.*
- *Ensured modular structure, clean code, and efficient request processing for system reliability.*

ACTIVITIES

- *Cleared Round 2 of TATA Imagination Challenge showcasing problem-solving and innovative thinking skills.*
- *Earned a top 10% ranking among 15,000+ users on LeetCode by solving 300+ data structure and algorithm problems using efficient code, increasing speed by 4x.*
- *Selected among the Top 500 in the EricssonEdge Program with Rank of 270, demonstrating technical excellence and competitive proficiency.*
- *Certifications & Training: Postman API Fundamentals Student Expert, HackerRank SQL, Hackerrank Java, Applied Machine Learning in Python, MongoDB Developer, IBM GEN AI.*
- *Awards: Earned multiple accolades in the Silver Zone Olympiad, ranking 2nd at the state level, 3rd zonally, 32nd nationally, and 1st in class, winning a bronze medal.*