

Nakshatra Raghuvanshi

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EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science, Minor in Education Technology

Bhopal, Madhya Pradesh

CGPA: 8.14

Oct 2022 – Sept 2026

TECHNICAL SKILLS

Languages: Java, Python, JavaScript

AI/ML: TensorFlow, Scikit-Learn, ML Model Training, Anomaly Detection, Data Preprocessing

Tools & Technologies: Postman, Git, GitHub, REST APIs, Spring Boot, ReactJS

Databases: SQL, MongoDB, PostgreSQL

EXPERIENCE

Software Intern

AIRDIT Software Services

Nov 2024 – Mar 2025

- Ensured secure and reliable data flow across modules by resolving 95%+ of reported issues, improving overall application trustworthiness.
- Strengthened API-level validation and authentication to reduce data inconsistencies and prevent unauthorized data exposure.
- Collaborated with backend engineers to optimize system reliability, contributing to a 10% reduction in data-related errors.
- Improved logic workflows and debugging processes by analyzing logs and identifying root causes of system failures.

PROJECTS

ClaimsEase | Java, Maven, Spring Boot, NodeJS, REST API, Angular

Apr 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.
- Implemented role-based access, request validation, and structured API documentation using Postman.

Women's Safety Website | HTML/Talwind.css, React.js, APIs, Firebase

Nov 2024 – Dec 2024

- Designed a security-first platform offering police-station lookup, emergency contacts, and safety guidelines.
- Engineered a secure "Red Alert" trigger mechanism with protected data transmission to trusted contacts and authorities.
- Integrated privacy safeguards to ensure safe handling of sensitive location and user data.

Microtask Vault | Next.js, Machine learning, React.js, Talwind.css, Python

Dec 2023 – Apr 2024

- Applied ML-based sentiment analysis, fraud detection, and anomaly classification, improving accuracy by 15%.
- Developed a secure microservices system enabling 500+ verified crypto transactions per second.
- Improved system efficiency by converting large workloads into 100+ microtasks, enabling safer and more controlled data processing.

ACTIVITIES AND ACHIEVEMENTS

- Cleared Round 2 of TATA Imagination Challenge, demonstrating strong innovation and analytical thinking.
- Ranked in the Top 10% on LeetCode by solving 300+ DSA problems, improving algorithmic speed by 4x
- Top 500 (Rank 270) – EricssonEdge Program, showcasing technical excellence and problem-solving capability.
- 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.