

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

Data & Analytics Tools: Excel, Google Sheets, Power BI, Pandas, NumPy

Concepts: Data Visualization, SQL Query Optimization, A/B Testing

Other Tools: Postman, Git, Github, MongoDB, React.js, Node.js

EXPERIENCE

Software Intern

Nov 2024 – Mar 2025

AIRDIT Software Services

- Collaborated cross-functionally with developers and product managers to identify performance bottlenecks, improving feature usability by 20%
- Designed internal dashboards to track user interactions and reported insights that reduced issue recurrence by 25%.
- Leveraged SQL and Excel to analyse bug frequency and workflow efficiency, reducing development bottlenecks by 10%.

PROJECTS

Women's Safety Website

Nov 2024 – April 2025

- Conducted user feedback analysis to prioritize safety features, leading to a 60% higher engagement with the "Red Alert" functionality.
- Built a MongoDB data schema to log user interaction data for insights into feature adoption trends.

Microtask Vault

Dec 2023 – Apr 2024

- Performed data-driven evaluation of transaction patterns to detect anomalies and enhance system reliability.
- Utilized ML models to analyze and optimize microtask performance, improving task accuracy by 15%.
- Enabled secure crypto payments via a scalable microservices system, processing 500+ transactions per second.

Code Quest: Journey to Programming Mastery?

Mar 2024 – May 2024

- Applied A/B testing on module layouts to identify versions yielding higher engagement.
- Tracked learner progress metrics (completion rate, retention) using SQL and visual dashboards, achieving a 95% course completion rate.

RELEVANT COURSEWORK

Relevant Coursework: Data Analysis with Python, Applied Statistics, Business Analytics, Database Management Systems

Mini Projects:

- Customer Retention Prediction:** Built a logistic regression model achieving 85% accuracy in predicting churn.
- Product KPI Dashboard:** Designed an interactive dashboard in Power BI tracking DAU, retention, and conversion funnel metrics.

ADDITIONAL

Languages: English, Hindi, Marathi.

Certifications & Training: Postman API Fundamentals Student Expert, HackerRank SQL, 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.