NITIN KUMAR

Analyst · Data Analysis · Business Systems

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Professional Summary

Detail-oriented Computer Science student with strong expertise in SQL and data analysis, experienced in troubleshooting complex technical issues and performing root cause analysis (RCA). Skilled in reporting, database management, and translating business requirements into actionable technical solutions.

Education

B.Tech in Computer Science and Engineering — Vellore Institute of Technology   Sept 2022 – May 2026
CGPA: **8.79/10**

Technical Skills

Databases	Strong SQL expertise (MySQL), joins, aggregations, reporting queries, query optimization
Analytics Tools	Microsoft Excel (data cleaning, pivot tables, lookup functions), basic Python
Statistics	Descriptive statistics, probability fundamentals, trend analysis
Documentation	Product issue logs, release notes, troubleshooting guides, technical documentation
Systems	Database management, REST APIs, backend workflows, Git/GitHub

Projects

VShare – Production File Sharing Platform — *React.js, Node.js, MongoDB*   2025

- Developed SQL-based reporting queries to analyze user activity and system usage patterns.
- Conducted root cause analysis to resolve backend latency issues, reducing response time by 35%.
- Maintained structured issue logs and documented recurring production incidents.

VChat – Real-Time Messaging System — *Spring Boot, WebSockets*   2025

- Monitored and analyzed system logs to identify and resolve concurrency-related defects.
- Supported performance benchmarking and database validation under high-load scenarios.
- Collaborated with cross-functional teams for coordinated issue resolution.

Audio-to-Text Transcription Platform — *React.js, Spring Boot, OpenAI API*   2025

- Used SQL to analyze retention trends and improve session efficiency.
- Documented API workflows and troubleshooting procedures for production support.
- Optimized backend workflow to enhance operational efficiency and reduce manual effort.

Certifications & Achievements

- Oracle Java Foundation Associate — 94%.
- HackerRank MySQL (Intermediate).
- Solved 250+ Data Structures & Algorithms problems demonstrating strong analytical ability.

Soft Skills

- Strong verbal and written communication.
- Attention to detail and ability to perform under pressure.
- Effective stakeholder coordination and collaboration.
- Self-motivated with ability to multi-task and prioritize independently.