

NITIN KUMAR

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering

September 2022 – May 2026

CGPA -8.78

Technical Skills

Programming Languages: JAVA, HTML, CSS

Frameworks & Libraries: React.js

Databases & Cloud: MongoDB, MySQL

Projects

QueryMate - Ask your query Platform | *assistant.ui, Google.api, MongoDB, vercel, Next.js* May 2025 - June 2025

- Engineered full-stack ask query platform serving 10+ queries with simultaneously, real-time solutions.
- Used responsive React frontend by assistant.ui, accelerating searching process for users.
- Deployed Node.js backend with secure MongoDB database, processing 10+ daily transactions with 99.8% success rate.
- Implemented Google API for free providing solutions instantly, helping in improving user engagement.

Sharing Application | *React.js, MongoDB, Node.js, Next.js*

June 2025 - Aug 2025

- Developed full-stack file sharing application handling file sharing with real time link.
- Implemented 3+ features file upload, download, and sharing functionalities with secure access links.
- Configured and integrated secure MongoDB database as the primary database to store and manage application data efficiently, supporting concurrent users, helping in retrieving data easily.
- Designed and developed an intuitive, responsive user interface using framework React, ensuring seamless navigation, consistent layout behaviour, and an enhanced overall user experience across devices.

Snexia- Snake Game in Java | *JDK, JAVA, Apache Net Beans*

Aug 2024 - Sept 2025

- Launched a real-time 1-D Snexia video game application, delivering a nostalgic gaming experience and engaging users through smooth, responsive gameplay.
- Implemented real-time communication in Java, achieving low-latency performance and supporting multiple interactive functionalities within the application.
- Utilized core Java 4 OOP principles to structure the application efficiently, resulting in noticeable improvements in buffering speed and overall performance.
- Developed a responsive and visually engaging interface, incorporating meaningful 3+ data visualizations and smooth animated transitions to improve user interaction flow..

Achievements

Certifications: Oracle Java Foundation Associate, Cyber Security Analyst :provided by IBMCE, HackerRank Python(Basic), HackerRank MySQL (Basic)

Programming: Solved 200+ DSA problems on LeetCode

Leadership: Led a team of 5 members in EPICS (Engineering Projects in Community Service) project, delivering impactful community solutions

NDA Qualified for NDA, NAVY, AIRFORCE, Cleared many other competitive exams

Extracurricular Activities

Boxing - Won Bronze medal in inter-regional boxing championship organised by KV Sangathan

Core Member - Pi Mathematics Club, contributed to well being and many other events, projects and organized workshops (2023-2025)

Volunteer - NSS (National Service Scheme), participated in community service initiatives (2023-2024)

Interests: Defense Services, Leetcode, Outdoor Sports, Tech news reading, Music, Photography