

Gaurang Khator

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EDUCATION

VIT Bhopal University <i>B.Tech. in Computer Science and Engineering</i>	<i>CGPA: 8.86 / 10</i>	2022–2026
Zydus School for Excellence Ahmedabad <i>CBSE Board – Class XII</i>	<i>Percentage: 86.4%</i>	2022
Seven Oaks School Dehradun <i>ICSE Board – Class X</i>	<i>Percentage: 98.2%</i>	2020

TECHNICAL SKILLS

Python, C++, React.js, Next.js, Node.js, MySQL, MongoDB, PostgreSQL, AWS, Git, GitHub, Docker, Power BI

TECHNICAL PROJECTS

- Muziic** | *Next.js, PostgreSQL, Tailwind CSS, Docker* *June 2025*
- Architected a collaborative music streaming platform with real-time voting functionality, supporting 10+ concurrent users and processing 500+ vote transactions during testing phases.
 - Implemented Google OAuth authentication through NextAuth, managing secure user sessions for 25+ beta testers.
 - Crafted responsive UI components using Tailwind CSS, optimizing user experience across desktop and mobile interfaces.
 - Orchestrated PostgreSQL database schema to efficiently handle user sessions, voting data, and responsive song queues.
 - Planned enhancements include Spotify API integration, real-time WebSocket-based syncing, and host/moderator privileges.
- Coding Contest Tracker** | *Next.js, MongoDB, Tailwind CSS* *Mar 2025*
- Constructed a comprehensive contest aggregation platform, integrating APIs from 3 major platforms (LeetCode, Codeforces, CodeChef) with 250ms average response time.
 - Synthesized real-time contest feeds with advanced filtering capabilities, enabling users to sort by platform, date, and contest type.
 - Pioneered dark/light mode functionality using Tailwind CSS, enhancing accessibility and user customization options.
 - Planned integration of GFG and AtCoder using web scraping, expanding contest coverage to 5+ platforms.
- CodeNexus** | *React.js, Node.js, Express.js, MongoDB* *Dec 2024*
- Developed full-stack EdTech marketplace enabling instructors to publish courses and students to explore and purchase them.
 - Integrated Razorpay for secure payments and Cloudinary for efficient media handling and content delivery.
 - Engineered interactive React.js components with Tailwind CSS, delivering seamless user experiences across devices.
 - Constructed robust REST API architecture using Node.js and Express.js, ensuring scalable data management through MongoDB.

CERTIFICATIONS

AWS Certified Cloud Practitioner – *Amazon Web Services* *May 2025*

EXTRA-CURRICULAR

Leadership & Activities

- Led Technical Team at E-Commerce Club, VIT Bhopal, guiding 10+ members in tech workshops, club projects, and mentoring juniors in web development, improving team collaboration by 40%.
- Represented institution in 10+ district and inter-college badminton championships, demonstrating resilience under high-stakes conditions.
- Secured runner-up in BugOff Hackathon by resolving 8+ critical bugs and implementing 3 new features in ReactJS web app within 24 hours, leveraging Git workflows and advanced state management.