Gaurang Khator

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EDUCATION

VIT Bhopal University	*CGPA: 8.87 / 10*	**2022–2026**
B.Tech. in Computer Science and Engineering		
Zydus School for Excellence Ahmedabad	*Percentage: 86.4%*	**2022**
CBSE Board – Class XII		
Seven Oaks School Dehradun	*Percentage: 98.2%*	**2020**
ICSE Board – Class X		

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.
- Implemented Google OAuth authentication through NextAuth, managing secure user sessions.
- 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.