

Gaurang Khator

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TECHNICAL SKILLS

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

TECHNICAL PROJECTS

Muziic | *Next.js, PostgreSQL, Tailwind CSS, Docker*

June 2025

- Engineered a collaborative music streaming app allowing users to upvote/downvote tracks, dynamically prioritizing playback order in real-time rooms with support for 10+ concurrent users.
- Integrated Google OAuth via NextAuth, enabling secure login and session tracking for multiple users.
- Designed a fully responsive UI using Tailwind CSS, ensuring compatibility and performance across screen sizes.
- Utilized PostgreSQL to manage user sessions, votes, and song queue data efficiently.
- Deployed using Docker to standardize development environments and ensure consistency across setups.
- 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

- Developed a platform to track upcoming coding contests from LeetCode, Codeforces, and CodeChef using their official public APIs, covering 15–20 contests weekly.
- Implemented real-time contest feeds displaying platform, start time, duration, and direct links to the contest pages for quick access.
- Built filters and search UI to help users sort contests by platform and date for easier discovery.
- Implemented dark/light mode toggle using Tailwind CSS, providing theme control for accessibility and user preference.
- Used MongoDB to persist API data and prepare for future caching/scaling needs.
- 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

- Built a full-stack EdTech platform enabling instructors to publish courses and students to explore and purchase them via a responsive frontend, tested with 20+ demo users.
- Integrated Razorpay for secure payments and Cloudinary for efficient media uploads and delivery.
- Engineered dynamic UIs with React.js and Tailwind CSS for smooth navigation and readability on multiple devices.
- Developed scalable REST APIs and managed data flows using Node.js, Express.js, and MongoDB.

CERTIFICATIONS

AWS Certified Cloud Practitioner – *Amazon Web Services*

May 2025

MERN Full-Stack Certification – *Ethnus*

April 2025

EXTRA-CURRICULAR

- Led the Technical Team at the E-Commerce Club, VIT Bhopal, guiding 10+ members in organizing tech workshops, developing club projects, and mentoring juniors in web development.
- Competed at district and inter-college badminton championships, reflecting commitment, consistency, and the ability to thrive under high-performance pressure.
- Runner-up in BugOff Hackathon; enhanced a ReactJS web app by fixing bugs, adding features, and using Git, state management, and component-based design.

EDUCATION

VIT Bhopal University, Bhopal

2022 – 2026

B.Tech. in Computer Science and Engineering

CGPA: 8.93 / 10

Zydus School for Excellence, Ahmedabad

2022

Class XII (CBSE)

Percentage: 86.4%

Seven Oaks School, Dehradun

2020

Class X (ICSE)

Percentage: 98.2%