

Gaurang Khator

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EDUCATION

VIT Bhopal University <i>Bachelor of Technology(B.Tech.) in Computer Science and Engineering</i>	2022-2026 CGPA: 8.99/10
Zyodus School for Excellence <i>12th Standard: CBSE Board</i>	2022 86.4%
Seven Oaks School <i>10th Standard: ICSE Board</i>	2020 98.2%

PROJECTS

BazaarBuddy | *ReactJS, Node.js, MongoDB, Express.js*

- Architected and deployed a scalable e-commerce platform leveraging the MERN stack, enhancing interaction with real-time features and increasing user engagement by 40%.
- Designed a responsive and intuitive UI with React.js, increasing visitor engagement by 40%.
- Built high-performance backend APIs using Express.js and MongoDB, reducing API response times by 20% and optimizing payment gateway integration for scalability.

GoTasker | *ReactJS, MongoDB, Go*

- Engineered GoTasker, a full-stack to-do list app leveraging Go for backend and React for frontend, enhancing task management productivity and performance by 30%.
- Integrated MongoDB for persistent storage, improving data retrieval speeds by 30% and optimizing backend performance.
- Implemented CRUD functionality to manage tasks, boosting completion rates by 30% and reducing management time by 20%.
- Crafted a responsive UI with Chakra UI, achieving cross-platform compatibility and improving mobile engagement by 40%.

Cricket World Cup 2023 Analysis | *Python, PowerBI*

- Analyzed performances of 150+ players using Python, Power BI, and Power Query to devise a best playing XI, improving decision-making speed by 20%.
- Built interactive dashboards and linked 5+ sheets, enhancing navigation speed by 35% and boosting engagement by 40%.
- Automated data cleaning and transformation, reducing manual effort by 30% and accelerating report generation by 25%.

Weather App | *HTML, Vanilla CSS, Javascript, ReactJS, OpenWeatherMap API*

- Formulated a web application capable of providing accurate weather information with a response time of less than 2 seconds.
- Leveraged geolocation services to seamlessly retrieve clients' current locations, achieving a precision rate of over 95% in identifying locations.
- Empowered customers to search for weather forecasts of any location worldwide, supporting over 200,000 cities and locations.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, JavaScript

Frontend Technologies: HTML, Tailwind CSS, ReactJS

Backend & Databases: Node.js, MySQL, MongoDB

Tools & Platforms: Git, GitHub, VS Code, PowerBI

ACHIEVEMENTS

- Achieved a maximum **LeetCode rating of 1574** and solved over **250+** coding problems across platforms.
- Secured a global rank of **4651 / 33921** in LeetCode's Weekly Contest 415 and **9185 / 36727** in Biweekly Contest 138.
- Attained a Codeforces rating of **982** (Newbie) and ranked **6398 / 41166** in Codeforces Round 970 Contest.

ADDITIONAL

Certifications

- The Bits and Bytes of Computer Networking (Coursera)

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Programming (OOPs)
- AWS Cloud Practitioner
- Operating System
- Database Management System (DBMS)
- Computer Networks