

KARTIK

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SUMMARY

A motivated and enthusiastic Computer Science Engineering student eager to apply knowledge in programming, software development, and problem-solving. Passionate about exploring innovative technologies and contributing to impactful projects in a collaborative environment.

PROJECTS

Quiz Generator Website

January 2025 - March 2025

- Developed a quiz platform enabling users to create quizzes and generate shareable links.
- Implemented a real-time ranking system using WebSockets to update the leaderboard dynamically.
- Designed and built a responsive frontend using React.js for seamless user interaction.
- Developed a scalable backend with Node.js, Express.js, and MongoDB for efficient data management.
- Optimized the ranking algorithm to support ties and ensure accurate leaderboard updates.

Country Explorer Web App

August 2024 - Nov 2024

- Developed a responsive web app that displays real-time data of 250+ countries using the REST Countries API.
 - Implemented search and filter functionalities to allow users to explore countries by name and region.
 - Designed interactive UI components using React and managed state with hooks (useState, useEffect).
 - Built dynamic country detail pages showing flags, capitals, populations, currencies, languages, and time zones.
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EDUCATION

Madhav Institute of Technology and Science, Gwalior

December 2022 - Present

Bachelor of technology in Computer Science, **7.75 cgpa**(till 6 sem)

Govt. High Secondary School, Billawar, Jammu & Kashmir

March 2022

12th in PCM ,secured 93%.

SKILLS

- **Languages:** C++,Python ,Html, CSS, Javascript.
 - **Frameworks/libraries:** Flask, Reactjs, Nodejs, Expressjs, Pandas, Numpy.
 - **Development tools:** Visual studio code, Jupyter, Canva, Github, Git.
 - **Databases/others:** MongoDB, Operating system, Computer network, object oriented programming, Data structure and Algorithms.
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ACHIEVEMENTS:

- Graphic Designing Head at **The Scrabble club MITS.**
- Python certificate from Telusko.
- Solved 130+ DSA problems on Leetcode and GeeksforGeeks.
- Ethical Hacking certificate from NPTEL.