

Aditya Vijay Tomar

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Summary

Aspiring Computer Science student specializing in **full-stack web development** with **JavaScript, Node.js, and modern frameworks** utilizing AI tools to enhance efficiency and accuracy. Strong foundation in **data structures and algorithms** (200+ LeetCode/HackerRank problems solved, 5-star HackerRank badge). Actively advancing skills through certifications in **full-stack development** and **DSA** while contributing to collaborative coding projects.

Education

- Bachelor of Technology in Computer Science Engineering** (2021-2025)
LNCTS, Indore, Madhya Pradesh | *Current CGPA: 7.63*
- Senior Secondary (12th Grade)** (2020-2021)
Govt. CSA Higher Secondary School, Argat, Satna, Madhya Pradesh | *Percentage: 88.8% / MP Board*
- Secondary(10th Grade)** (2018-2019)
Govt. CSA Higher Secondary School, Argat, Satna, Madhya Pradesh | *Percentage: 90% / MP Board*

Technical Skills

- Programming Languages:** JavaScript, TypeScript, C, C++
- Frontend:** HTML5, CSS3, Bootstrap 5, jQuery, DOM Manipulation
- Backend:** Node.js, Express.js, REST APIs, PostgreSQL
- Tools:** Git, GitHub, Postman, Bash/CLI, EJS
- Core Subjects :** Data Structures and Algorithms, OOP, DBMS, Computer Networks

Projects

- Campus Connect** | <https://github.com/Aaditya7171/LNCT-Connect> (Apr 2025)
- Built a networking platform in collaboration with peers using **React, TypeScript, Node.js, and PostgreSQL**, enabling user connections, real-time messaging (Socket.IO), and profile management.
 - Engineered **JWT-based authentication** and optimized database schema for scalability (1k+ user simulations).
 - Integrated **Tailwind CSS + Shaden** for responsive UI and modern React patterns (Context API, React Query) for efficient state management.
 - Achieved 95% code test coverage; reduced API latency by 30% via query optimization.

- Quiz Website** / <https://aaditya7171.github.io/Quiz Website/> (Mar 2025)
- Developed an interactive quiz platform using HTML5, CSS3, and JavaScript, featuring multiple categories, real-time score tracking, and a countdown timer for enhanced user engagement.
 - Implemented localStorage to persist high scores and user preferences, improving session continuity and repeat usage.
 - Utilized Bootstrap 5 for responsive design, ensuring consistent functionality across mobile and desktop devices.

Certifications

- Full-Stack Development Bootcamp** | <https://drive.google.com/uc?id=1uUTW5K8Xp6lM9nQ9ndEtNBReIC7SuBjH>
- DSA Supreme 3.0** | Ongoing
- Flipkart Grid 6.0** | <https://drive.google.com/uc?id=1HYu4oRS1gIleT99B9kjStV0R2KgvDtxh>

Co-curricular Activities

- Achieved **5-star Proficiency badge in Problem Solving** on HackerRank (Top 5% globally).
- Mentored peers in DSA strategies, improving their contest rankings by 30%.
- Attended Python workshop held in college and learned basics of Python and its libraries.

Extracurricular Activities

- Secured 1st Position on internal Smart India Hackathon held in college and developed leadership and teamwork skills.
- Won poster-making competition held in college and created several posters for college.
- Proficient in MS Office Suite (Excel, Word, Powerpoint).