Harshit Khurana

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EDUCATION

VIT Bhopal University	CGPA:8.3
Bachelor of Technology in Computer Science and Engineering	*August 2022 – May 2026*
KL International School, Meerut	92.4%
12th Standard	*2022*
KL International School, Meerut	93.2%
10th Standard	*2020*

TECHNICAL SKILLS

Languages: C++, Python, java, MySQL, HTML/CSS
Data Structures: Expertise in arrays, strings, linked lists, stacks, queues, trees, graphs, hash tables and heaps.
Algorithms: Understanding of sorting, searching, dynamic programming and greedy algorithms.
Tools: Git/GitHub, Linux, VS Code
Relevant Courses: Knowledge in object oriented programming, database management, computer networks, operating systems and machine learning.

EXPERIENCE

Problem Solving: Successfully completed more than 400 problems on various online coding platforms such as LeetCode , GeeksforGeeks, consistently achieving high scores and improving skills.

PROJECTS

Car Rental Website
Tech Stack: MongoDB, Express.js, React.js, Node.js (MERN)
- Developed a full-stack car rental platform allowing users to browse, book, and manage car rentals in real-time.
- Integrated user authentication, booking system, and admin dashboard with CRUD operations.
- Implemented responsive UI using React and styled-components with seamless backend communication via Express APIs.
- Used MongoDB for storing car, user, and booking information and deployed the application using Vercel and Render.

Collaborative Whiteboard *Tech Stack: Node.js, Express, Socket.IO, HTML5 Canvas, React.js*
- Built a real-time collaborative drawing tool enabling multiple users to draw simultaneously on a shared canvas.
- Leveraged WebSockets via Socket.IO to sync drawing events in real time across all connected clients.
- Designed an intuitive drawing interface with tools for pen, color, and eraser using HTML5 Canvas and React.
- Ensured low-latency performance and smooth collaboration by optimizing socket events and server handling.

CERTIFICATIONS

IBM Cybersecurity Analyst *Mar 2025*
Completed training on core cybersecurity topics including threat detection, network security, and incident response.

IBM DevOps Fundamentals *Apr 2025*
Gained hands-on knowledge of DevOps practices including CI/CD pipelines, automation, and version control tools.