

HARSHIT KHURANA

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EDUCATION

- **Bachelor (BTech) of Technology in Computer Science and Engineering** (2022 - 2026)
Cumulative GPA - **8.3**, VIT Bhopal University, Bhopal, M.P.
- **XIIth**, Percentage - **92.4**, KL International School, Meerut (2021 - 2022)
- **Xth**, Percentage - **93.2**, KL International School, Meerut (2019 - 2020)

EXPERIENCE

Omdena (Dec, 2024 - Jun, 2025)
Technical Member (Engineering) Delhi, India (Remote)
Personal Health Web Application Development

- Developed interactive UIs using React.js, JavaScript, HTML5, and CSS3 for AI-powered health applications.
- Implemented responsive design for cross-device compatibility, boosting user experience by 15%.
- Integrated RESTful APIs to deliver dynamic, real-time data in collaboration with backend teams.
- Optimized frontend performance by debugging, refactoring, and resolving UI/UX issues.

PROJECTS

Quick Draw, A Collaborative Drawing and Customization Software

- Developed a real-time collaborative drawing application using **Node.js**, **Socket.IO**, and **React.js** supporting up to 5 simultaneous users.
- Improved drawing system efficiency by 70% through implementation of custom authentication, toolbar features, and event synchronization.
- Enhanced WebSocket communication and server-side microservices integration, boosting event sync performance by 10%..

Mentor Hive, A Mentor-Mentee Communication Software

- Architected scalable backend using **Node.js**, condensing mentor interaction schemas from 6 to 4 according to **SRP and OCP SOLID principles**.
- Improved system robustness by 20% through middleware enhancement and distributed service optimization.
- Utilized **Docker containers** to streamline deployment and dependency management, increasing system stability and consistency by 20%.
- Designed and implemented 3+ responsive web pages using React.js, raising user engagement significantly.

SKILLS

- **Programming Languages:** C++, C, Java, Python, JavaScript, SQL, Node.js
- **Frontend Frameworks:** React.js, HTML5, CSS3
- **Backend Frameworks:** Express.js, Node.js
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** Docker, AWS, Google Cloud
- **Concepts:** Data Structures, Algorithms, Object-Oriented Design, Web Development, RESTful APIs, Microservices, Responsive Web Design, UI/UX Optimization

EXTRA-CURRICULAR ACHIEVEMENTS

- Worked in a team as Core member of Web Development Club, increased member participation by 40%.
- Ranked in the top 10% on Leetcode, GeeksforGeeks and HackerRank by solving diverse 500+ problems.

CO-CURRICULAR ACHIEVEMENTS

- Displayed strategic decision making and planning by winning 2+ district Chess tournaments in senior division.