Khushi Malviya

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EDUCATION

VIT Bhopal University   **2022 – Expected 2026**
Bachelor of Technology in Computer Science and Engineering   CGPA: 7.94
International Public School   **2022**
CBSE-12th   Percentage: 79.8%
International Public School   **2020**
CBSE-10th   Percentage: 90.4%

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, Java, Python
Frameworks and Libraries: React.js, Node.js, Express.js, Tailwind CSS, NumPy, Pandas
Databases: MongoDB, SQL
Platform and Tools: MATLAB, Simulink, AWS, Postman, Vite, Git/GitHub, VS Code

PROJECTS

Disaster Sync — Emergency Management Platform | LINK   **October 2025**
- Designed and developed a comprehensive real-time system easing emergency incident management for police, fire, disaster response, and other agencies. Implemented secure user authentication with role-based access, robust incident tracking, volunteer task assignment, and real-time status updates via WebSocket (Socket.io).
- Integrated alert & notification broadcasting, inventory and supply chain monitoring with request workflows to optimize resource allocation. Leveraged modern tech stack: React, Node.js, Express, MongoDB Atlas, JWT, and Tailwind CSS for scalable, secure, and responsive application.
- Enhanced disaster response efficiency by streamlining communication, resource management, and volunteer coordination, prioritizing life-saving outcomes.

Car Rental — Secure Car Rental platform| LINK   **August 2025**
- Developed a MERN stack car rental platform with JWT-based user authentication, car listings featuring location and date selection, and a secure booking system.
- Implemented an admin dashboard for inventory and booking management, optimized media delivery using ImageKit, and deployed via Vercel.
- Engineered a responsive, mobile-first design using Tailwind CSS, enhancing user experience and ensuring cross-browser compatibility.

Survey Master — Survey Creation and Analytics Platform| LINK   **April 2025**
- Developed a MERN stack web application for creating, distributing, and analyzing surveys with real-time updates and analytics.
- Integrated user authentication, owner dashboard, user management, and survey management features with an appealing responsive design.
- Improved data collection efficiency.

CERTIFICATIONS

- Full-stack developer (MERN) – Smartbridge, 2025
- MongoDB Node.js developer path – Smartbridge, 2025
- Postman API Fundamentals Student Expert Badge – Postman, 2024
- Data Structures & Algorithms using Java – Infosys Springboard, 2025
- DevOps, Agile & Design Thinking – IBM SkillsBuild, 2025
- Cloud Computing, Marketing Analytics – NPTEL, 2024 and 2025
- Product Management Basics – Pendo, 2025

CO-CURRICULAR ACTIVITIES

Event Minister, IPS Bhopal (2021 to 2022) – Organized and executed school-wide events.
Social Media and LinkedIn Manager at Studio Atmorph.
Volunteer experience – Registration and management team member of 6th Annual Convocation held at VIT Bhopal.