

Chhavi

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EDUCATION

VIT Bhopal University

BTech. Computer Science and Engineering CGPA: 8.47/10

Bhopal, MP

Sept 2022 – Jul 2026

RRJS DAV Public School

CBSE 10th Percentage: 86.6%

CBSE 12th Percentage: 92.2%

Gurugram, Haryana

Mar 2018 - Mar2019

Mar 2020 - Mar2021

EXPERIENCE

Space Technology Intern | Indian Space Lab (ISRO-Backed)

Dec 2024-Jan 2025

- Trained in satellite systems and drone tech via ISRO-certified program, focusing on remote sensing applications.

Research Intern | Blockchain for Nuclear Power Plants

Jun 2024-Present

- Designing tamper-proof blockchain system to enhance operational security by 40%.

PROJECTS

VocalCart - AI Voice Commerce Platform | JavaScript, Python, Web Speech API

Apr 2024 - May 2024

- Developed innovative voice-enabled e-commerce solution leveraging Web Speech API.
- Engineered responsive React frontend with accessibility-focused UI/UX design principles
- Implemented Python backend with Flask framework and Redis caching for improved performance
- Results: 35% faster checkout flow, 50% increase in concurrent user capacity

AashiyanaHub - Next-Gen Real Estate Portal | MERN Stack, Elasticsearch| Three.js Jul 2024 - Feb 2025

- Full-stack development of property marketplace with immersive 3D visualization using Three.js
- Designed secure authentication system with JWT and role-based access control
- Built comprehensive admin dashboard with data analytics using Chart.js
- Implemented advanced search functionality powered by Elasticsearch engine
- Results: 40% improvement in operational efficiency, 30% boost in user engagement

TECHNICAL SKILLS

- Languages:** C++ (5-star HackerRank), Python (Basic), Java (Intermediate), JavaScript
- Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js, MySQL
- AI/Cloud:** NLP (Natural Language Processing), Generative AI, AWS
- Tools:** Git, Figma, Blockchain

CERTIFICATES

- IBM:** Generative AI using IBM Watsonx: [Certificate](#) Feb 2025 - Apr 2025
- IBM:** Blockchain Developer: [Certificate](#) Feb 2025 - Apr 2025
- NPTEL Cloud Computing:** by IIT Kharagpur| [Certificate](#)| Scored: 71% Feb 2024 - Apr 2024

ACHIEVEMENTS

- Leetcode:** 3-star (Top 10%), 600+ problems on LeetCode | **GFG:** 450-day streak.
- Smart India Hackathon:** Developed an AI chatbot for the Ministry of Jal Shakti during the Smart India Hackathon; the project advanced to the final round at college level, showcasing team work.

PERSONALITY AND EXTRA CURRICULAR

- Leadership:** lead of the cultural team in the Rajasthani Club, organizing and mentoring various cultural events and coached peers in improving their work efficiency.
- Languages:** Hindi (Native), English (Fluent), French (Intermediate)
- Soft Skills:** Problem-Solving, Analytical Thinking, Agile Methodologies, Team Leadership.