

Chhavi

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EDUCATION

| | | | |
|-----------------------------------|------------------------|------------------------|---------------|
| B. Tech | VIT Bhopal University | Bhopal, Madhya Pradesh | |
| Computer Science & Engineering | GPA: 8.46/10 | | Aug22-Ongoing |
| 12th Standard | RRJS DAV Public School | Gurugram, Haryana | |
| CBSE Cumulative Percentage: 92.2% | | | Jul 21 |
| 10th Standard | RRJS DAV Public School | Gurugram, Haryana | |
| CBSE Cumulative Percentage: 86.6% | | | May 19 |

PROJECTS

Shop Style — August - September 2024

- **Overview:** Built a scalable e-commerce website connecting users with 100+ vendors.
 - Integrated secure login and payments, boosting checkout success by 35%.
 - Added AI-based product recommendations, increasing order value by 28%.
 - Enabled real-time inventory tracking, reducing stock issues by 22%.
 - Created a vendor dashboard for easy product and order management.
- **Technologies:** HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, AWS, Stripe API.

PDF Sage — April - May 2024

- **Project Overview:** Developed an advanced PDF reader used by over 1,000 users, incorporating AI for enhanced text analysis and extraction.
 - Created a backend with Python, capable of processing large PDF files 50% faster than previous models.
 - Used natural language processing (NLP) for precise text extraction, increasing accuracy by 35%.
 - Designed a user-friendly frontend using Streamlit, resulting in a 40% increase in user satisfaction.
- **Technologies used:** Python, LangChain, Streamlit, Google Generative AI, PYPDF2.

AashiyanaHub — July 2024 - Ongoing

- **Project Overview:** Spearheaded the development of a real estate platform, enabling users to search and view over 1,000 properties with detailed information.
 - Crafted and applied property listing features, increasing user engagement by 50% with high-quality images and 3D views.
 - Engineered an admin panel for property management, improving operational efficiency by 40%.
 - Integrated advanced search and filter capabilities, enhancing user satisfaction by 30%.
- **Technologies used:** React.js, MongoDB, Express.js, Node.js, TypeScript, 3D Modelling, AngularJS, NoSQL database.

WORK EXPERIENCE

• Internship — Indian Space Lab, ISRO

Completed internship focused on applied research and development under the Indian Space Research Organization (ISRO). Gained hands-on experience in real-world space technology applications, data analysis, and system design within a high-impact scientific environment.

ACHIEVEMENTS

• Coding Competitions:

- Coding Competitions: Solved 650+ problems on Leetcode, consistently maintaining a streak of 150+ days.
- Tackled 500+ problems on GeeksforGeeks, significantly improving understanding of complex algorithms and data structures.
- Participated in various online coding platforms, solving 500+ problems and mastering multiple coding paradigms.

• **Smart India Hackathon:** Built an AI chatbot for the Ministry of Jal Shakti during the Smart India Hackathon; the project advanced to the final round at collage level, demonstrating strong innovation and teamwork skills.

TECHNICAL SKILLS

- **Programming:** Proficient in C++, Java, Python; experienced in data manipulation, debugging, and adhering to coding standards.
- **Web Development:** Skilled in JavaScript, HTML, CSS, React.js, Next.js, Node.js, MongoDB; strong in problem-solving and system design.
- **DSA:** Solid grasp of arrays, trees, graphs, and key algorithms (sorting, searching, recursion, greedy).
- **Database:** Experienced with MySQL, SQL, NoSQL; optimized databases using AWS .
- **UI/UX:** Familiar with Figma; designed intuitive, user-friendly interfaces.
- **Certifications:**
 - Bits and Bytes of Computer Networking (Coursera)
 - Cloud Computing – NPTEL (Score: 71%)

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.

LANGUAGE

- **Hindi** (Native)
- **English** (Fluent)
- **French** (Intermediate)