

## Education

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<b>VIT Bhopal University</b> <b>Bachelor of Technology in Computer Science and Engineering</b> <ul style="list-style-type: none"><li>CGPA: 8.861/10</li></ul>	<b>09/2022 - 05/2026</b>
<b>Bal Bhavan International School</b> <b>Class X and Class XII</b> <ul style="list-style-type: none"><li>Class X: 87.33%   Class XII: 72.8%</li></ul>	<b>04/2018 - 07/2021</b>

## Skills

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**Programming Languages:** Java, Python.

**Frontend:** React.js, HTML, Figma, SAAS, CSS, JavaScript, Bootstrap, Tailwind,

**Backend:** Node.js, Express.js,

**Database:** MySQL, MongoDB.

**Tools:** GitHub, Postman, VS code, Power BI, AWS Fundamentals.

**Soft Skills:** Strategic Thinking & Execution, Effective Communication, Critical Decision-Making, Leadership & People Management

**Technical Foundations:** Object-Oriented Software Development, Database Management Systems (DBMS), Computer Networking Fundamentals

## Projects

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<b>QuickStay</b> <ul style="list-style-type: none"><li>Engineered a hotel booking system with React.js, Node.js, and MongoDB, scaling to 50+ listings across 30+ cities.</li><li>Implemented multi-parameter search and filters (location, price, availability), improving traveler booking efficiency by 35%.</li><li>Deployed on Vercel with performance tuning, sustaining &lt;200ms API response time and 96.9% uptime.</li><li>Integrated Clerk authentication with role-based permissions, ensuring secure access for 10+ users and reducing unauthorized</li><li>Key Features: Hotel Listings, Advanced Filters, Secure Authentication, High-Performance APIs.</li></ul>	<b>06/2025 08/2025</b>
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<b>ContriGuide</b> — AI-Powered Open Source Contribution Platform <ul style="list-style-type: none"><li>Orchestrated a full-stack contribution discovery platform using the MERN stack with chatbot assistance.</li><li>Created a filtering system based on skill, technology, and domain, reducing project search time by 45% during testing.</li><li>Leveraged OpenAI APIs for personalized project suggestions, improving contributor engagement by 30%.</li><li>Architected a reliable backend with REST APIs and optimized queries, handling 100+ data requests per day securely.</li><li>Key Features: AI Chatbot, Personalized Recommendations, Skill-Based Filters, GitHub Redirection.</li></ul>	<b>08/2025 – 09/2025</b>
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<b>Book A Doc</b> <ul style="list-style-type: none"><li>Designed a doctor appointment system on the MERN stack with secure login and real-time scheduling.</li><li>Streamlined appointment flow, reducing booking time by 40% and ensuring 95% confirmation accuracy in trials.</li><li>Delivered an admin dashboard to manage 50+ doctors and schedules, improving task resolution speed by 25%.</li><li>Built and maintained backend REST APIs with indexed queries, supporting 20+ daily requests while ensuring secure data flow.</li><li>Key Features: Responsive UI, Admin Dashboard, Real-Time Booking, Cross-Device Compatibility.</li></ul>	<b>03/2025 – 04/2025</b>
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## Certifications

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<b>MongoDB Database Administration</b> <ul style="list-style-type: none"><li>Gained hands-on experience in database installation, schema design, indexing, replication, sharding, and performance tuning using MongoDB.</li></ul>	<b>06/2025 – 07/2025</b>
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<b>IBM Cognitive Class – Generative AI Certificate</b> <ul style="list-style-type: none"><li>Learned fundamentals of generative AI, prompt engineering, and practical applications of large language models.</li></ul>	<b>04/2025 – 05/2025</b>
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<b>MERN Stack (Smart-Bridge)</b> <ul style="list-style-type: none"><li>Designed and deployed web applications with MongoDB, Express.js, React.js, and Node.js; implemented REST APIs and authentication workflows.</li></ul>	<b>04/2025 – 05/2025</b>
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## Achievement

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- Awarded design patent (2023) for a novel 360° air circulation system, featuring unique blade geometry to optimize airflow distribution.