

Ayush Vishwakarma

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Education

VIT Bhopal University *B.Tech, Computer Science* May 2026

- Pursuing Bachelor of Technology with 8.72/10 CGPA
- Major in Computer Science with Minors in Cloud Computing and Automation

Kendriya Vidyalaya *12th Standard (CBSE)* May 2021

- Achieved 87.2% overall marks
- Scored 92% in Computer Science

Kendriya Vidyalaya *10th Standard (CBSE)* May 2019

- Achieved 87.4% overall marks

Projects

AeroVantage - Flight Booking Platform Jan 2025 – Apr 2025

- Developed a full-stack flight booking platform using the **MERN stack**, with real-time flight data fetched via external APIs
- Integrated Stripe API for secure online payments, reducing transaction processing time by 30%
- Optimized application performance achieving a 91 SEO score and 94 performance score in Lighthouse
- Deployed the application on Vercel for fast loading speeds and scalable performance

Information Concealer - Steganography Tool Jan 2024 – May 2024

- Engineered a secure data hiding application using **LSB steganography** techniques
- Achieved 95% user satisfaction with perfect Lighthouse scores: 100 (performance/best practices)
- Improved application security by implementing multi-layer encryption for sensitive data
- Managed version control using Git, coordinating with a team of 4 developers

Activities

Open Source Contributor *GirlScript Summer of Code* May 2024 – Dec 2024

- Enhanced key features of web applications using HTML, CSS, JavaScript, and React
- Contributed to 3+ open-source projects, resolving 10+ issues and implementing 5+ new features
- Collaborated effectively with distributed teams using Git for version control

Technical Member *D2C Igniters Club, VIT Bhopal* Aug 2024 – Present

- Implemented 5+ unique UI design ideas for hackathon projects, improving user engagement
- Developed backend architecture for 3+ hackathon submissions, ensuring robust functionality
- Coordinated with the Android Club for integrated technical events and hackathons

Skills & Certifications

Technical Skills: React.js, Node.js, MongoDB, Express.js, JavaScript (ES6+), TailwindCSS, Bootstrap, Git/GitHub, RESTful APIs, Spring Boot, Linux

Certifications:

- Full Stack Developer MERN by SmartBridge - Completed with distinction
- Postman API Fundamentals Student Expert Certification
- MongoDB Associate Database Administrator by FacePrep
- The Bits and Bytes of Computer Networking by Google