

# Ayush Vishwakarma

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## Education

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VIT Bhopal University *B.Tech, Computer Science*

May 2026

- Pursuing Bachelor of Technology with 8.72
- Computer Science and Engineering with specialization in Cloud Computing and Automation

## Achievements

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- Semi-Finalist at Novartis NEST Hackathon 2024; among top teams from over 32,000 applicants nationwide
- Contributor at GSSoC; completed the program with successful contributions to open-source projects
- Solved 200+ problems on LeetCode and 130+ on GeeksforGeeks to strengthen problem-solving and DSA skills

## Projects

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### AeroVantage

Jan 2025 – Apr 2025

*React.js, Node.js, Express.js, MongoDB, Vercel*

- Developed a full-stack flight booking platform using the MERN stack, with real-time flight data fetched via external APIs
- Implemented Stripe checkout supporting 3 payment methods (cards, wallets, UPI) with 100% test success
- Optimized application performance achieving a 91 SEO score and 94 performance score in Lighthouse

### Information Concealer

Jan 2024 – May 2024

*HTML, CSS, JavaScript, Git, Encryption*

- Engineered a secure data hiding application using LSB steganography techniques
- Optimized front-end performance, achieving Lighthouse scores of 98 (Performance) and 100 (Best Practices)
- Managed version control using Git, coordinating with a team of 4 developers

## Activities

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### Open Source Contributor *GirlScript Summer of Code*

May 2024 – Dec 2024

- Enhanced key features of web applications using HTML, CSS, JavaScript, and React
- Developed a standalone Chrome Extension; implemented REST APIs and enhanced UI in 3 web apps
- Closed 5 issues and implemented 7 features in JavaScript/React projects

### Technical Member *D2C Igniters Club, VIT Bhopal*

Aug 2024 – Present

- Implemented 5 unique UI design ideas for hackathon projects, improving user engagement
- Built scalable backend systems for 3 hackathon submissions using Node.js and MongoDB
- Collaborated with the Android Club to organize Android Club Winter of Code, a campus-wide coding event

## Skills & Certifications

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**Technical Skills:** HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express.js, MongoDB, RESTful APIs, Git/GitHub, TailwindCSS, Bootstrap, MySQL, Spring Boot, Linux

### Certifications:

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