# Ayush Vishwakarma

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## Education

**VIT Bhopal University**                                                                                    Bhopal, Madhya Pradesh
Bachelor of Technology                                                                                                      May 2026
Major in Computer Science; Minors in Cloud Computing and Automation
Cumulative GPA: 8.84/10

**12th Standard**                                                                                                      New Delhi, Delhi
Kendriya Vidyalaya                                                                                                              May 2021
CBSE percentage                                                                                                             87.2/100

**10th Standard**                                                                                                      New Delhi, Delhi
Kendriya Vidyalaya                                                                                                              May 2019
CBSE percentage                                                                                                             87.4/100

## Projects

**Password-manager**                                                                                              Jan 2023 - Mar 2023
- Developed a web-based Password Manager with Lighthouse scores of 99 in performance, 83 in accessibility, 93 in best practices, and 91 in SEO; integrated customizable password generation and chatbot-based strength feedback.
- Implemented local storage features to save, fetch, and delete passwords with a toggle view, increasing user efficiency by 30% for password management tasks.

**Information Concealer**                                                                                         Jan 2024 - May 2024
- Developed and deployed the Information Concealer project, integrating data hiding techniques and steganography algorithms such as LSB substitution, resulting in a 95% satisfaction rate among users for data security enhancement.
- Collaborated with a multidisciplinary team to address real-world challenges, leveraging Git for version control and Lighthouse scores of 100 in performance and best practices, 88 in accessibility, and 90 in SEO.

## Activities

**Open Source**                                                                                                   May 2024 - Dec 2024
Contributor
- Contributed to multiple projects during GSSoC, developing and enhancing features and functionalities using HTML, CSS, JavaScript, React.
- Implemented responsive design and performance optimizations, resulting in a 20% improvement in loading times and user interaction. Tested and debugged code to ensure high-quality performance.
- Assisted with project teams to deliver impactful features and improvements, contributing to a 30% increase in usability and user satisfaction metrics. Architected and configured dynamic web solutions.

**GeeksForGeeks VITB**                                                                                           Dec 2022 - Dec 2024
Content Writer
- Contributed to the GeeksForGeeks VIT Bhopal Student Chapter by writing and publishing 10+ informative articles and tutorials, generating substantial interest during chapter events
- Engaged effectively with team within the GFG VIT Bhopal Student Chapter to produce 15+ quality content pieces, which garnered significant engagement and involvement during chapter events and workshops.

## Additional

**Language Skills:** Fluent in English, Hindi, Elementary proficiency in Japanese

**Technical Skills:** C, C++, Java, Python, MySql, HTML, CSS, JS, Data Structure and Algorithms, Git, Rest API, Linux.

**Frameworks:** React, Node, JQuery, BootStrap, Tailwind, Material UI, Spring, Express.

**Certifications :**
Simulink Onramp by MathWorks
The Bits and Bytes of Computer Networking by Google
Supervised Machine Learning: Regression and Classification by Stanford

Postman API Fundamentals Student Expert Certification