

# Aman Vishwakarma

Indore, Madhya Pradesh

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## Education

### Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science (CGPA of 7.74)

October 2020 - October 2024

Madhya Pradesh, India

### Kendriya Vidhyalaya No.1 Indore

Class XII - PCM stream (Percentage of 79)

April 2019 - July 2020

Madhya Pradesh, India

### Kendriya Vidhyalaya No.1 Indore

Class X (Percentage of 64.8)

April 2017 - May 2018

Madhya Pradesh, India

## Projects

### Spam Guard | | Text verification

- Developed 'Spam Guard,' an AI and ML-driven project, enhancing algorithmic decision-making accuracy for spam detection based on keyword analysis within input text.
- Achieved a remarkable 92% accuracy rate, significantly surpassing traditional methods. Leveraged advanced machine learning techniques to optimize model performance and ensure robust spam identification.
- Orchestrated the deployment of cutting-edge security measures, effectively filtering out 50% of spam content and enhancing data integrity by 30%, leading to a 20% boost in overall user satisfaction and retention.
- Team size - 5 members, Role - database management, driver code management.

### Hosweb | | Hostel Web Application

- Engineered an efficient complaint resolution workflow which resolved over 85% of service inquiries on first contact; integrated features for real-time updates to users during the event management process.
- Engineered a secure application using Django and MySQL, and developed an interactive UI with HTML, CSS, and JavaScript, featuring robust user authentication, real-time notifications, and sophisticated maintenance tracking.
- Team size - 3 members, Role - database management, Django development.

## Internship Experience

### Data Analyst Intern at UnifiedMentor

April, 2024 - July, 2024

- Analysed large datasets using Python and SQL to uncover actionable insights, improving decision-making efficiency by 20%.
- Created interactive dashboards using Tableau or Power BI, enabling real-time data visualization for the management team.
- Automated data cleaning processes, reducing data preparation time by 30%.
- Collaborated with cross-functional teams to design and implement data-driven strategies, increasing process accuracy.
- Documented analytical findings and presented reports to stakeholders, leading to enhanced business outcomes.

## Certifications

- Python Essentials I, Python Essentials II** provided by Cisco
- Python for Data Science, SQL and Relational Databases** provided by IBM.
- Security, Compliance, and Identity Fundamentals** provided by Microsoft.

## Extra-curricula's and Achievements

- Accomplished critical Thinking abilities with 350+ solutions on LeetCode.
- Demonstrating proficiency in algorithmic detail-Oriented. Contributed as a key team member to secure the runner-up position in the prestigious GeeksforGeeks event (2021).
- Led multiple team projects to successful completion, driving collaboration and achieving project goals. Facilitated productive teamwork, resulting in increased efficiency and successful outcomes.
- Winner, AdVITya (powerlifting competition), 2023
- Winner, Volleyball (inter-branch tournament), 2022

**Programming:** Python (Numpy, Pandas, Matplotlib, Data Visualization), MySQL, MS Office.

**Frameworks:** Django, Flask

**CS Fundamentals:** Object Oriented Programming, Data Structures, Algorithms, Database management

**Developer Tools:** VS Code, Pycharm, Jupiter Notebook, Google Colab

**SLanguages:** Hindi (native), English (fluent)