

# POORNIMA SRIVASTAVA

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## Summary

Motivated computer science enthusiast skilled in C++, Python, and JavaScript with experience in software design, development . Proven team player with leadership in volunteer coordination and public speaking . Seeking an entry-level role to apply technical and soft skills in a dynamic environment.

## Education

**Vellore Institute of Technology, Bhopal, MP** Sep. 2020 – Sep. 2025  
*Integrated M.Tech in Computer Science (Specialization in Cyber Security)* CGPA : 8.35

**Dr Virendra Swarup Education Centre, Kanpur, UP** May 2017 – May 2019  
*Class 12<sup>th</sup> (PCM with Computer Science), Class 10<sup>th</sup>* Class 12: Percentage: 75, Class 10: CGPA: 10

## Relevant Coursework

- DSA
- Operating Systems
- DBMS
- Cryptography
- Computer Networks
- Oops
- Network Security
- Distributed Systems

## Skills

**Technical Skills:** Python, C++, Java (Intermediate) , HTML/CSS , JavaScript , SQL  
**Platforms and Tools:** VS Code , GitHub , Microsoft Office Suite, Google Cloud (Intermediate) , Power Bi , Tableau  
**Soft Skills:** Strategic Communication , Team Collaboration, Time Management, Problem-Solving, Adaptability

## Experience

**J.P. Morgan Software Engineering Virtual Experience** Feb 2025  
*Technical Virtual Internship — Forage* Remote

- Analyzed financial data using Python and Jupyter Notebook and developed data visualization dashboards .
- Applied data processing techniques to enhance analytical accuracy.

**Antaragni '23 (IIT Kanpur)** Jan 2022 – March 2022  
*Campus Ambassador* Kanpur, UP

- Organized underground events with Antaragni team, increasing attendance by 15% and engagement by 10% through data-driven strategies.
- Strengthened organizational and communication skills by coordinating and presenting insights to the committee.

## Projects

**Blockchain-Based Cryptographic Communication System | Python** Apr 2024 – May 2024

- \* Contributed to the development of a blockchain-based secure messaging system designed to enhance data security and integrity using advanced cryptographic techniques.
- \* Implemented algorithms for secure message transmission and optimized data handling for performance and scalability.
- \* Implemented smart contracts in Python, which ensured robust and secure communication protocols within the system.

**Sorting Visualizer | HTML, CSS, JavaScript** Jan 2024

- \* Developed an interactive web application to demonstrate the inner workings of sorting algorithms including Bubble Sort, Insertion Sort, Selection Sort, Merge Sort, Heap Sort, and Quick Sort.
- \* Designed animations to illustrate each sorting step dynamically, enhancing algorithm learning experience
- \* Optimized code for performance and responsiveness, improving educational usability

## Certifications and Achievements

- Solved 600+ coding problems on platforms like LeetCode
- Finalist , Neo Codeathon May , Oct Edition ,2024
- Introduction to Cyber Security ,CISCO, August 23
- Google Cloud Computing Foundation Course, Google Cloud , December 23
- High Performance Coding (DSA using C++), iamneo , April 24