

Shivam Verma

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0.0.1 Summary

Motivated and detail-oriented second-year BS engineering student at IISER Bhopal with a strong foundation in computer science, programming, and analytical problem-solving. Demonstrated proficiency in C, Python, HTML, and CSS. Eager to contribute technical and communication skills in computer science research.

0.0.2 Work Experience

Summer Internship-2025 Instituto de Astrofísica e Ciências do Espaço Jun 2025 - Jul 2025

In this internship I was working on the project of “ADCs Design of the ANDES Seeing-Limited Arms” under Dr. Bachar Wehbe. It’s based on a how to design an ADC using python programming to reverse the effect of atmospheric dispersion to get better imaging in ground-based astronomy for high resolution spectroscopy.

Intern at GSSOC — Girlsript summer of code Aug 2025 - Sept 2025

In this internship I got introduced to the concepts of git, GitHub and how the work goes in massive projects..

Intern at EDUNET —AICTE Sept 2025 - Oct 2025

In this internship I got introduced to the concepts of HTML,CSS and Javascript. I learned about some other front end technologies.This internship introduced me to collaboration and github technologies .

0.0.3 Certifications

- Certified Python programmer from Harvard university
- Java course from Geeks for geeks
- Astronomy imaging and electronics course from Open university England
- LFD102 and LFEL1006 from the Linux foundation
- DATA FUNDAMENTALS from IBM
- Front End Development from IBM .

0.0.4 Education

2024 - Present	BS Engineering at IISERB	(CPI: 8.42/10)
2023	Class 12th CBSE(SVM Etah)	
2021	Class 10th CBSE(SVM Etah)	

0.0.5 Skills

NumPy, Pandas, Scikit-Learn, Machine Learning, AI, Java, Python, Git , Github, Data Fundamentals, Astronomical Imaging, Electronics, HTML, CSS, Excel, Powerpoint

0.0.6 Exams Qualified

JEE mains, IISER aptitude test, AMU-ZHCET, CUET, UPSC-NDA