



Sourav Sharma

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BS Engineering Sciences

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.S. Major	Indian Institute of Science Education and Research, Bhopal	7.05	2024-Present
Senior Secondary	Sunrise Dwarika Academy, CBSE Board	84.4%	2023
Secondary	St. Xavier's High School, CBSE Board	95.6%	2021

EXPERIENCE

- GeoAI4CitiesLab, IISER Bhopal** Dec. 2024 - Jan. 2025  
*ML Intern / Remote Internship* Bhopal, India
  - Worked on Point Cloud Annotation and developed a ML model for Point Cloud Segmentation.
  - Utilized CloudCompare and Python scripts for 3D data processing and analysis.

PROJECTS

- Name Disambiguation Library** Dec. 2024 - Jan. 2025  
*Quantverse, Tech Stack: Python* Github
  - Developed a Python-based Name Disambiguation Library for QuantVerse, a high-performance text-parsing algorithm leveraging graph structures to enhance financial data extraction.
  - Implemented robust parsing, disambiguation logic, and error handling to process financial documents and news articles effectively.
- Market Screener Tool** Dec. 2024 - Jan. 2025  
*Quantverse, Tech Stack: Python* Github
  - Built a Market Screener Tool for QuantVerse that analyzes S&P 500 stocks, Implemented graph-based and pattern-matching algorithms to detect market trends and optimize trading signals.
  - Integrated real-time data fetching, pattern analysis, and trendline detection using Python and Plotly.

TECHNICAL SKILLS

- Programming:** C++, C, Python, Git & Github
- Data Analysis & Visualization:** Pandas, NumPy, Matplotlib
- Softwares:** Sublime Text, Cloud Compare, Visual Studio Code
- Additional Skills:** LaTeX \* Elementary proficiency

KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Statistics, Probability, Graph Theory
- Computer Science:** Data Structures and Algorithm
- Economics:** Principle of Economics (Minor & Macro), Stock Market (Basics)

POSITIONS OF RESPONSIBILITY

- AI/ML Tech Lead,** Google Developer Group on Campus, IISER Bhopal Oct. 2024 - Current
  - Led technical workshops and mentored peers on AI/ML topics.
  - Organized coding challenges and hackathons to promote machine learning adoption.

ACHIEVEMENTS

- Internal Round Qualified,** Smart India Hackathon, Team Leader, Solution Developer 2024
- 1st Position,** Maths Quiz Champion, St. Xavier's High School 2021