

# SHIVANI SUNDRIYAL

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## EDUCATION

M.Tech in Bioinformatics **CGPA: 8.64**  
**Indian Insitute of Information Technology Allahabad**  
2022 – 2024 Prayagraj, U.P.

B.Tech in Biotechnology **CGPA: 7.24**  
**Amity University**  
2017 – 2021 Noida, U.P.

## EXPERIENCE

Teaching Assistantship  
**IIIT ALLAHABAD**  
Aug. 2022 – Ongoing Prayagraj, U.P.

- Conducting tutorial classes, rectifying students doubts, project guiding and proctoring exams.
- Conducting lab exams and assisting faculties with classroom management and document coordination.

## PROJECTS

**CPU SCHEDULING ALGORITHMS VISUALIZER**

- This is a CPU scheduling algorithms visualizer which gives the comparison between various scheduling algorithms.
- Various scheduling algorithms(FCFS,SJF,RR,etc..) have been implemented.
- Technologies:** C++ Operating Systems VsCode

**Comparative Analysis of Machine Learning Models for Heart Disease Prediction**

- Analysing Heart disease data-set using machine learning.
- Its a machine learning system that predicts whether a person has chance of having heart disease or not.
- Technologies:** ML Algorithms Python Google Colab

**Banking Platform**

- Providing a platform having admin mode and user mode.
- Create,Read,Update and Delete records (CRUD operations).
- Technologies:** Python DBMS MySql VsCode

**TRIP MANAGEMENT SYSTEM**

- Aims to design a real life implementation of Trip Management System using OOPs concept.
- Features: Store customer details, Cab booking, Hotel booking etc.
- Technologies:** C++ OOPs VsCode

## SKILLS

**Subjective Knowledge**

- Data Structures & Algorithms.
- Database Management System.
- Operating Systems.
- Object-Oriented Programming (OOPs).
- Machine Learning Algorithms.

### Programming Languages


C C++ Python HTML/CSS

### Tools

MySQL MongoDB Git & GitHub  
NumPy Pandas Scikit-learn

## ACHIEVEMENTS

 **Qualified GATE**  
AIR 721 in GATE 2022

 **Certification**  
Completed workshop on “Basics of Python programming and Advance Data Structures”.

 **Completed course “ChatGPT Prompt Engineering for Developers”.**  
Learned new ways to use LLMs, including how to build your own custom chatbot.

 **DANCE**  
Completed Kathak Level 2 – Praveshika Pratham.

## INTERESTS

Problem Solving  
Connecting with people  
Dancing Cooking Music

## LANGUAGES

- English
- Hindi