

PRAJWAL SURYAVANSHI

@ prajwalsuryavanshi0@gmail.com
Prajwal-101

(+91) 7972863785
Nagpur, Maharashtra-441102

Portfolio

prajwalsuryavanshi

EDUCATION

M.Tech in Bioinformatics

CGPA: 8.54

IIIT ALLAHABAD

Aug. 2022 – Ongoing

Prayagraj, Uttar Pradesh.

B.Tech in Chemical Technology

CGPA: 8.76

SGBAU

Aug. 2017 – Dec. 2020

Amravati, Maharashtra.

EXPERIENCE

Teaching Assistant

IIIT ALLAHABAD

Aug. 2022 – Ongoing

Prayagraj, Uttar Pradesh.

- Assisted educators in guiding students through coursework in Data Structures & Algorithms, Operating Systems, and Physics.
- Conducting tutorial class, Addressing students doubts, Guiding projects, and Supervising exams.

PROJECTS

CPU Scheduling Algorithms Visualizer

- Developed a CPU scheduling algorithms visualizer which gives the comparison between various scheduling algorithms.
- Implemented various scheduling algorithms including FCFS, SJF, RR, and others.

Technologies: C++ VsCode Operating System

Smart Parking System

- Developed a console application which helps to get a parking space with an electronic receipt in a multi-storey building.
- Implemented features including Real-Time Parking Availability, Multi-Level Parking Support, and Pricing based on duration.

Technologies: C++ OPPs VsCode

Banking Management

- Created a platform having admin mode and user mode.
- Performing CRUD operations: Creating, Reading, Updating, and Deleting records in a MySQL database.

Technologies: Python MySQL DBMS VsCode

Diabetes Prediction

- Focused on developing a system to enhance early prediction of diabetes with improved accuracy.
- Designed a model to assess the risk of developing diabetes or experiencing complications by analyzing the health data.

Technologies: Python Google Colab Machine Learning

SKILLS

Programming Languages

C C++ Python SQL

HTML5 CSS3

Subjective Knowledge

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


DEVELOPER TOOLS


Git & GitHub MySQL MongoDB

Microsoft Power BI VsCode


NumPy Pandas AWS

ACHIEVEMENTS

 **Online Course**
"ChatGPT Prompt Engineering for Developers" by DeepLearning.AI

 **Certifications**
Basics of Python programming and Advance Data Structures.

 **Qualified GATE**
2022

 **Baseball & Softball**
State level

LANGUAGES

- English
- Hindi
- Marathi

INTERESTS

Problem Solving Coding

Connecting with people Swimming

Cooking Football