# PRAJWAL SURYAVANSHI

@ prajwalsuryavanshi0@gmail.com Prajwal-101 Nagpur, Maharashtra-441102

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Portfolio

in 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** 

**a** 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.
- OPPs Technologies: C++ 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**

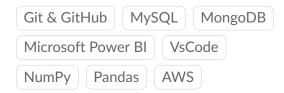
#### **Programming Languages**



#### Subjective Knowledge

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

### DEVELOPER TOOLS



### **ACHIEVEMENTS**

## **Online Course**

"ChatGPT Prompt Engineering for Developers" by DeepLearning.Al

#### **Certifications**

Basics of Python programming and Advance Data Structures.

#### Qualifed GATE 2022

**Baseball & Softball** State level

### LANGUAGES

- English
- Hindi
- Marathi

### INTERESTS

**Problem Solving** Coding Connecting with people Swimming Cooking Football