PRAJWAL SURYAVANSHI

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📍 Nagpur, Maharashtra-441102

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.
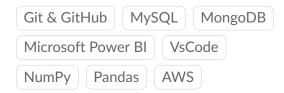- **Technologies:** Python | Google Colab | Machine Learning

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.

🏆 **Qualifed GATE**
2022

🏆 **Baseball & Softball**
State level

LANGUAGES

- English
- Hindi
- Marathi

INTERESTS

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