

PRASAD MAHAJAN

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EDUCATION

JSPM's Rajarshri Shahu Collage Of Engineering, Tathawade
BTECH in Information Technology - **CGPA - 8.14**

06 2020 – 06 2024

Pune, Maharashtra

Mahatma Gandhi Mahavidyalaya
Science - 12th Board - **Percentage - 61.85%**

08 2018 – 06 2020

Ahmedpur, India

Yashwant Vidyalaya
Science - 10th Board - **Percentage - 88.88%**

06 2017 – 06 2018

Ahmedpur, India

COURSEWORK / SKILLS

- | | | | |
|----------------|-----------------------|---------------------|-------------------|
| • C | • Database Management | • Linux | Algorithms |
| • Cpp | System (DBMS) | • Ubuntu | • HTML |
| • C# | • MySQL | • MongoDB | • GitHub |
| • Python Basic | • OOPS Concept | • Data Structures & | • Problem Solving |

PROJECTS

Hydroponic Monitoring System 🔗 | [Python, HTML, CSS, JavaScript, API, Tunneling](#) 07 2024 – 10 2024

- Developed an API for controlling and monitoring a hydroponic system using a Raspberry Pi.
- Implemented POST methods for turning the motor on/off and GET methods to retrieve sensor data (e.g., water level from an ultrasonic sensor and pH levels from a pH sensor) .
- Created a web application to remotely access system functionality.
- Utilized Cloudflared Tunnel for secure remote access to the API, enabling external control and monitoring without exposing local network ports.
- [Source Code](#)

AI Music Recommendations System 🔗 | [Python, Streamlit, Machine Learning](#) 06 2023 – 05 2024

- Utilizes machine learning to suggest personalized music tracks.
- Developed an interactive web application leveraging Python, Streamlit, and cutting-edge machine learning models; reduced data processing time by 40% and supported real-time analytics for 100+ users.
- Interactive Streamlit interface for real-time music recommendations.
- Engineered a sophisticated data analytics dashboard using Python, Streamlit, and advanced machine learning algorithms; enhanced predictive accuracy by 25% and empowered data-driven decision-making for over 50 stakeholders..
- [Source Code](#)

Python GUI Downloader 🔗 | [Python](#) 05 2023 – 05 2023

- Enables users to download files quickly and efficiently through a simple and intuitive GUI.
- Engineered a high-performance file downloader with an intuitive GUI..
- Implemented multithreading for faster download speeds and enhanced efficiency.
- [Source Code](#)

E-Commerce Website 🔗 | [HTML, CSS, Javascript](#) 09 2021 – 06 2022

- Developed a dynamic e-commerce website using HTML, CSS, and JavaScript.
- Engineered for seamless user experience with intuitive navigation and interaction.
- Integrated features such as product listings, a responsive shopping cart, and a secure checkout process.

INTERNSHIP

Hackveda Limited 

01 2024 – 06 2024

Python Developer

Pune, India

- Worked on reading CSV data and plotting candlestick patterns in Python, providing insights into stock market trends.
- Explored and understood TradingView screener functionalities, enhancing skills in analyzing stock market data.
- Provided an overview and synopsis of projects, ensuring clear communication of project goals and outcomes.
- Developed Python scripts to automate business operations, improving efficiency and productivity at Hackveda.

TECHNICAL SKILLS

Languages: Python, C, C++, C#, MongoDB, MySQL, SQL, NoSQL

Developer Tools: VS Code, Visual Studio 2022, IntelliJ Idea Ultimate, PyCharm

Technologies/Frameworks: ASP .Net , Linux, Windows, GitHub, Git, Mongo

SEMINARS / TRAININGS / WORKSHOPS

- Barclays lifeskills programme- Java, OOP
- Spoken Tutorial - python 3.4.3 training
- Spoken Tutorial - C & CPP training