

Pramod Chavhan

Data Scientist | ML Engineer

Pune, Maharashtra, India

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFILE SUMMARY:

Passionate and results-driven **Data Scientist** with **over 2 years of experience** in developing and deploying machine learning models. Expertise in **Python, Machine Learning**, with a strong background in **data preprocessing, feature engineering, model building, and optimization**. Proficient in frameworks like **TensorFlow, Scikit-Learn, Pandas**, and **Big Data technologies** for scalable data solutions. Seeking to leverage AI and data science expertise to drive business innovation and actionable insights.

SKILLS:

- **Programming:** Python, C/C++, SQL
 - **Web Technologies:** HTML, CSS, Angular, Flask, FastAPI
 - **Data Science & AI:** Machine Learning, Deep Learning, NLP,
 - **Data Science Pipeline** ((collection, cleansing, visualization, modeling, interpretation), Statistics, Hypothesis Testing, CI/CD Pipeline)
 - **Data Visualization:** Power BI, Matplotlib, Seaborn
 - **Databases/Clouds:** MySQL, MongoDB, Render, Heroku
 - **Software & Tools:** Git, Docker, Jupyter Notebook, VS Code, Google Colab, Spyder, GitHub
 - **Soft Skills:** Analytical Thinking, Problem-Solving, Communication, Team Collaboration, Motivational Speaker
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Experience / Projects:

Data Science Associate

Pipran Infotech Pvt Ltd, Pune, India | March 2023 – Present

- **Appointment Scheduler for Sample Collection** ([\[Project Link\]](#))
Tech Stack: Python, Machine Learning, Pandas, Scikit-Learn, Flask
 - Developed an **appointment scheduling ML model** to streamline sample collection, reducing delays by **20%**.
 - Optimized **resource allocation** using data-driven insights, improving diagnostic center efficiency.
 - Deployed the model using **Flask**, enabling a seamless **online booking system**.
- **Face Recognition-Based Attendance System**
Tech Stack: Python, OpenCV, Deep Learning (CNN), Flask
 - Designed and implemented a **CNN-based facial recognition system** for attendance tracking.
 - Automated attendance logging, reducing manual efforts by **60%**.
 - Integrated **OpenCV** for real-time face detection and logging, improving accuracy by **40%**.
- **Smart Irrigation System**
Tech Stack: Python, IoT, Machine Learning, Sensor Data, Flask
 - Developed an **AI-driven irrigation system** integrating sensor data and **ML algorithms** to predict optimal watering schedules.
 - Reduced water wastage by **25%** and improved crop yield by **15%**.
 - Designed a user-friendly **dashboard** for real-time monitoring of soil moisture and weather conditions.

- **Advanced Virtual Assistant (Jarvis)**

Tech Stack: Python, NLP, Speech Recognition, Machine Learning, Flask

- Led the development of a **voice-controlled AI assistant** with **task automation**, increasing productivity by **35%**.
- Integrated **NLP and machine learning algorithms** for intelligent responses and workflow automation.
- Built an **interactive Flask-based interface** for seamless user interaction.

EDUCATION:

- **Master of Computer Applications (M.C.A), 2024**
Savitribai Phule Pune University, Pune, India
- **Bachelor of Computer Applications (B.C.A), 2021**
Sant Gadge Baba Amravati University, India

CERTIFICATIONS:

- *Data Science using Python Programming – 360DigiTMG*
- *Data Visualization using Tableau – 360DigiTMG*
- *Data Science using Python – IBM*
- *Google Advanced Data Analytics Capstone – Coursera*
- *Generative AI For Beginners – Great Learning Academy*
- *Angular Web Application Development – Assetcues Technology*
- *Manual and Automation Testing using Selenium and Java - TechDrill*
- *Internal Smart Indian Hackathon Participation – ISH*

LANGUAGES:

English, Marathi, Hindi
