

Prathamesh Arvind Jadhav

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SUMMARY

B.Tech graduate in AI & Data Science with expertise in Python, SQL, C++, and DSA. Hands-on experience in machine learning projects like Placement Prediction and AgriTech Assist. Strong problem-solving skills and a collaborative team player. Eager to apply my technical knowledge to drive innovation and deliver impactful IT solutions..

EDUCATION

| Education | Institute | Grade | Passing Year |
|----------------|--|-------------------------------------|--------------|
| B.Tech (AI&DS) | Annasaheb Dange College of Engineering and Technology, Ashta | 9.22 CPI(up to 6 th Sem) | 2026 |
| HSC | J.S.Pomani Jr. College Of Science, Belanki | 71.50% | 2022 |
| SSC | New English School, Belanki | 86% | 2020 |

PROJECTS

DataSet Doctor - Advanced Data Preprocessing

Feb 2025 - May 2025

A Streamlit-based tool for efficient dataset preprocessing, offering automated cleaning, transformation, encoding, scaling, and outlier detection to enhance machine learning model performance.

PDF Knowledge Hub with Google Generative AI (GEMINI)

Oct 2024 - Jan 2025

Developed a Streamlit application that allows users to seamlessly upload PDFs and query their content, utilizing GEMINI for advanced natural language processing and FAISS for fast document retrieval. Implemented features like text extraction, chunking, and vector storage, while incorporating conversational AI to deliver a more efficient and interactive knowledge retrieval experience.

AgriTech Assist

Jan 2025 - Mar 2025

Launched an AI-based application for real-time crop selection advice, optimizing farming practices by analyzing soil and environmental data, resulting in a 15% increase in overall farm productivity within the first season.

INTERNSHIP

SQL Development Intern | Tecspeak IT Solution, Sangli

Jun 2024 -Jul 2024

Designed, integrated and optimized relational databases using sql server, improving performance and scalability. Enhanced data integrity and supported a team of 5 engineers in improving the overall efficiency of database systems.

Web Development Intern | Cognifyz Technologies, Nagpur

Aug 2024 -Sep 2024

Transformed websites through advanced coding practices in HTML, CSS, and JavaScript with a focus on optimizing usability features based on findings to fix the three biggest causes of crashes identified post-launch..

Green Skills Using AI Technologies –Edunet Foundation

Nov 2024 - Dec 2024

Engineered a machine learning model for Air Quality Index (AQI) predictions, analyzing over 50,000 environmental data points to provide actionable insights that support sustainable urban planning initiatives within three months.

SKILLS

| Category | Skills |
|-----------------------|---|
| Programming Languages | C,C++, Python, Java, HTML, CSS, JavaScript, SQL |
| CS Fundamentals | Computer Networks, Operating System, Data Structure, OOPs, DBMS |
| Version Control | Git-GitHub |
| Tools | VS Code, Google Colab, Jupyter Notebook, MySQL, PowerBI |
| Technologies | Machine Learning, Artificial Intelligence, Cloud Computing |
| Soft Skill | Teamwork, Leadership, Good Communication, Adaptability |

ACHIVEMENTS

- **Academic Topper** – First Year, Second Year
- **4th Prize** – State Level Kabbadi Tournament, Pune
- **3rd Prize-** Kabaddi Competition at ZEST'25, Pune
- **LeetCode 75-Day Streak**
- **GitHub 75-Day Streak**

CERTIFICATIONS

- C++ Programming – CODETECH IT SOLUTIONS
- DBMS | Computer Networking | Operating System - Scaler
- AWS Cloud Foundations – AWS Academy
- Cloud Computing - NPTEL, IIT Kharagpur
- Python Programming – Dhaapps
- C Programming – Udemy
- Innovation & Entrepreneurship – E-Yantra IIT Bombay