Prathamesh Arvind Jadhav

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Professional Summary

B.Tech graduate in Artificial Intelligence & Data Science with a strong foundation in Python, SQL, C++, and Data Structures & Algorithms (DSA). Hands-on experience in machine learning, AI-based applications, and full-stack development. Proficient in data preprocessing, cloud computing, and database optimization. Strong problem-solving abilities and a team player, eager to apply expertise in IT solutions, automation, and AI-driven technologies to drive business growth.

Education

B.Tech (AI & DS) - Annasaheb Dange College of Engineering & Technology, Ashta   9.22 CPI — 2026
HSC - J.S. Pomani Jr. College of Science, Belanki   71.50% — 2022
SSC - New English School, Belanki   86% — 2020

Projects

Transaction Sync Tool (Freelance Project)   Mar 2025 - May 2025
- Developed a Flask-based Transaction Sync Tool to automate reconciliation of HDFC and CBS bank statements using intelligent parsing and rule-based logic.
- Implemented UTR extraction from narration fields and exact amount matching, streamlining transaction verification and reducing manual effort by 90%.

DataSet Doctor - Advanced Data Preprocessing   Dec 2024 - Mar 2025
- Developed a Streamlit-based automated data preprocessing tool to optimize data cleaning, transformation, encoding, scaling, and outlier detection.
- Enhanced machine learning model accuracy by 20% through optimized feature engineering and preprocessing techniques.

AgriTech Assist - AI-Driven Crop Selection Advisor   Aug 2024 - Nov 2024
- Developed a real-time AI application that provided crop selection insights based on soil and environmental data.
- Helped farmers increase productivity by 15% through AI-driven agricultural recommendations.

Internships

SQL Development Intern - Tecspeak IT Solution, Sangli   Jun 2024 - Jul 2024
- Designed and optimized SQL Server-based relational databases, improving performance and scalability.
- Enhanced data integrity and collaborated with a team of 5 engineers to refine database efficiency.

Green Skills Using AI - Edunet Foundation   Nov 2024 - Dec 2024
- Engineered a machine learning model for Air Quality Index (AQI) prediction, analyzing over 50,000 data points.
- Provided actionable insights for sustainable urban planning, improving accuracy by 15%.

Technical Skills

Languages: Python, C, C++, Java, SQL, HTML, CSS, JavaScript
CS Fundamentals: Data Structures & Algorithms, OOPs, DBMS, Computer Networks, Operating Systems
Technologies: Machine Learning, Artificial Intelligence, Cloud Computing, CV, Deep Learning, Data Analytics
Tools: Git, GitHub, VS Code, Jupyter Notebook, Google Colab, MySQL, Power BI
Soft Skills: Teamwork, Leadership, Communication, Adaptability, Problem-Solving, Time Management

Certifications & Achievements

Certifications

- C++ Programming – CODETECH
- DBMS, CN, OS, Java – Scaler
- AWS Cloud Foundations – AWS Academy
- Cloud Computing / Distributed Systems – NPTEL
- Python for Data Science – NSDC
- C Programming – Udemy
- Innovation & Entrepreneurship – IIT Bombay
- PowerBI for Beginners - Simplilearn
- Fundamentals of Machine Learning - Microsoft

Achievements

- Academic Topper – First & Second Year
- LeetCode 130-Day Streak – Problem-Solving Excellence
- GitHub 130-Day Streak – Continuous Open-Source Contribution
- 3rd Prize – ZEST'25 Kabaddi, Pune
- 4th Prize – State-Level Kabaddi, Pune