JAYESH SARDESAI

AIML Developer

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Summary

AI/ML Developer with strong foundations in Python, machine learning, NLP, and data analysis. Experienced in building end-to-end ML solutions and AI-augmented web apps. Certified in core and intermediate ML, with proven impact through hackathons and coding competitions.

EXPERIENCE

Edunet Foundation   Belagavi
Internship in Foundations of AI   Apr 2025 – May 2025

- Gained hands-on experience in Machine Learning, Deep Learning, and Azure AI tools, applied models to 3+ real-world datasets.
- Built 4 prototypes and developed intelligent agent workflows, achieving up to 85–90% model accuracy in classification tasks.
- Applied AI concepts to solve real-world use cases and demonstrated cloud-based AI integration on Azure Cognitive Services.

ACHIEVEMENTS & CERTIFICATIONS

- Winner – Code PRAHARI (DSA Competition, SGBIT, 2025)
- Winner – Digital Decipher (Coding & DSA Competition, JCE, 2025)
- 1st Prize – Think Bots Quiz (JCER, 2023)
- 1st Prize – Smart Campus Navigator (Hackathon, 2025)
- Certification – Introduction to Machine Learning (2025)
- Certification – Intermediate Machine Learning (2025)

PROJECTS

SMS Spam Detection   2025

- Built a supervised ML model to classify SMS as spam/ham using NLP preprocessing and feature extraction, and trained and evaluated multiple classifiers to improve detection accuracy.

AI-Based Crop Threshold & Market Prediction   2025

- Developed predictive models for crop yield thresholds and market price trends; applied data preprocessing, feature engineering, and regression/forecasting techniques.

Smart Campus Navigator   2025

- Built an AI-powered navigation system using pathfinding algorithms (Dijkstra's/A*) and NLP for query-based location assistance. Integrated map visualization with smart search for real-time campus guidance.

Crisis Response Platform   2025

- Hybrid crisis management system with real-time reporting; integrated AI components for threat cues and an online portal for triage and alerts.

Medicine Reminder   2025

- Created an AI-driven web platform for medication tracking and refill alerts; used OCR for prescription parsing and gesture-based detection for basic compliance checks.

Education

Jain College of Engineering & Research   2022 - Present
B.E. Computer Science Engineering – CGPA: **9.34**

Govindram Seksaria Science College   2020 - 2022
Pre-University (PCMC) – Percentage: **92%**

Thalakwadi High School   2017 - 2020
High School (SSLC) – Percentage: **91.04%**

TECHNICAL SKILLS

Programming: Python, Java, C++, JavaScript, SQL
ML/NLP: Scikit-learn, NumPy, pandas, Feature Engineering, Model Evaluation
Web/Tools: Node.js, Express.js, React.js, MongoDB, MySQL, Git Version Control, API Integration
Other Tools: Microsoft Azure AI Foundry, ChatGPT, Google Gemini, and additional AI tools.