Pooja Dilip Badade

M.I.D.C Tambenagar Baramati Pune

8149301457 | poojabadade35@gmail.com

🌐 https://github.com/PoojaBadade122

in https://www.linkedin.com/in/pooja-badade-0917a1289

Objective

Aiming to develop a long-term career in the IT industry by leveraging my MCA education and Computer Science foundation. I strive to work on challenging projects that enhance system efficiency, promote automation, and support digital transformation initiatives. My objective is to eventually take on leadership responsibilities while driving meaningful technological solutions.

Education

Course / Degree	School / University	Grade / Score	Year
MCA	Pratibha Institute of Business Management	80	2024-2026
Bsc Computer science	Vidya pratishthan's art's science commerce college Baramati	78	2021-2024
12th	Vidya pratishthan's art's science commerce college Baramati	60	2018-2020
10th	MES Gajanan bhivrao Deshpande girls highschool Baramati	78	2017-2018

Skills

- Programming: Java, Python, Php,HTML, CSS, sql
- Data & Analytics: Power BI, Tableau, Deep Learning, Machine Learning, AI
- Others: Data Structures and Algorithms, Software Testing, Statistics
- Soft Skills - Communication & Presentation - Teamwork & Leadership - Time Management - Creativity - Singing Talent

Projects

- **Flipkart Sales Data Analysis**
  Analyzed Flipkart sales datasets to identify trends, seasonal patterns, and top-selling product categories.
  Performed data cleaning, transformation, and feature extraction using Python (Pandas, NumPy).
  Built visual reports and dashboards using Matplotlib/Seaborn to simplify data understanding.
  Generated insights for business decisions related to pricing, marketing, and inventory optimization.
  Applied data analysis best practices, improving accuracy and reducing manual analysis time.
- **YOLO-Agentic Object Detection**
  Developed an intelligent object detection system using the YOLO (You Only Look Once) deep learning model integrated with agentic automation capabilities. The system automatically detects and classifies real-world objects in images and video streams with high accuracy and real-time inference speed. Implemented preprocessing, live video feed handling, and post-detection actions such as automatic logging, alerting, and decision-making using agent-based workflows. The project demonstrates strong skills in computer vision, machine learning, and AI automation.
- **Diabetes Prediction ML Models**
  Developed a machine learning model to predict the likelihood of diabetes in patients using medical and lifestyle-related features. The system processes health data, performs automated data cleaning, feature engineering, and applies predictive algorithms to identify high-risk individuals. The project demonstrates proficiency in data

preprocessing, classification models, and performance evaluation.

- **ID Card Management System**
Developed a full-stack PHP web application during my graduation project to streamline student ID card generation and management. Leveraged HTML, CSS, and Bootstrap for a responsive, while implementing PHP for backend logic including user authentication and dynamic card creation. Integrated MySQL to securely store and retrieve student profiles, courses, and card details, enabling customizable ID cards with photos and expiration dates—reducing manual paperwork by 80%. Technologies: PHP, HTML, CSS, Bootstrap, MySQL.

Achievements & Awards

- Selected for Natya Street Play event at 'Udaan' Intercollegiate Fest
- Recognized for project presentation & poster display at academic events

Publications

- **Tech Meets Tradition: Baramati's Sugarcane Farming Through the Lens of AI**
Journal: International Research Journal of Modernization in Engineering, Technology and Science (IRJMETS) – Peer-Reviewed Journal

  Description:
A peer-reviewed research publication project focused on integrating Artificial Intelligence with traditional sugarcane farming practices in Baramati. The study analyzes crop data to support yield prediction, resource optimization, and data-driven decision-making for sustainable agriculture.

Activities

- Viosa Corporate Mentorship Program participant
- TCS ION Career Edge Young Professional
- Microsoft PL-300 Power BI Certification
- NPTEL Swayam Software Testing course
- Presented a peer-reviewed research paper on AI-driven sugarcane farming to faculty members as part of MCA academic presentation.

Languages

- Hindi
- Marathi
- English

Hobbies & Interests

- continuous learning in technology and artificial intelligence

- Reading literature

- Creative writing(Poetry)

- Artistic expression