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Rajam, Vizianagaram, Andhra Pradesh – 532127

OBJECTIVE

Aspiring machine learning enthusiast with hands-on experience in AI and data science projects. Skilled in Python, ML frameworks, and data analysis, seeking opportunities to contribute to innovative tech-driven solutions.

EXPERIENCE

Unified Mentor

Machine Learning Intern

Sep 2024 – Oct 2024

Haryana, India

- Developed a thyroid cancer recurrence model using Random Forest with 98.7% accuracy.
- Built a vehicle price prediction system using preprocessing techniques and achieved an R^2 of 82.6%.

EDUCATION

GMR Institute of Technology

Bachelor of Technology

Oct 2022 – May 2026

Rajam, India

- GPA:** 9.41 / 10

Narayana Junior College

Pre-University Education

Apr 2022

Rajam, India

- GPA:** 9.22 / 10

Bhashyam High School

Secondary Education

Apr 2020

Rajam, India

- GPA:** 10 / 10

PROJECTS

- Twitter Data Analytics Dashboard:** Built a Streamlit dashboard to visualize engagement metrics including tweets, retweets, and average tweet activity over time.
- Sales Data Analytics Dashboard:** Built an interactive Streamlit app to visualize sales trends by product, region, and time.
- Hotel Room Booking Classifier:** Developed a Flask-based ML web app for tourist hotel booking recommendations.
- Online Bank Authenticator:** Built ML models for fraud detection in online banking using Python.
- E-Commerce ML Models:** Created predictive and classification models for product recommendations and user segmentation.

PUBLICATION

"Advanced Techniques in Sentiment Analysis", IJPREMS, Nov 2024. Focused on hybrid models and pre-trained transformers.

TECHNICAL SKILLS

Languages: Python, C, Java

Web: HTML, CSS, JavaScript

Data: SQL, Oracle

Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Seaborn, Matplotlib

HONORS AND AWARDS

Winner, DataCraze – Feb 2025: Preprocessing and analysis of Twitter data for real-time insight.

Winner, DataViz – GMRIT, Feb 2024: Dashboard development using sales data.

Winner, DeepDataThon 3.0, Sep 2023: ML-based Hotel Booking System project.

LEADERSHIP

Team Lead, Diabetic Retinopathy Detection Project (Dec – Apr 2025): Led design and development of hybrid ML models.

VOLUNTEER EXPERIENCE

ZPHS Kancharam, Jun–Jul 2024: Conducted workshops for high school students on Python and MS Office tools.

CERTIFICATIONS

Prompt Engineering for ChatGPT – Vanderbilt Univ. (Dec 2024 – Feb 2025)

Intro to Generative AI – Google Cloud (Nov 2024 – Jan 2025)

Python for Data Science – IBM (Mar 2024 – Apr 2024)

Python Essentials 1 & 2 – Cisco (Feb 2025)

ADDITIONAL INFORMATION

Languages: Telugu (Native), English (Working), Hindi (Basic)

Interests: Reading, Exploring Tech, Playing Cricket

Membership: Indian Society for Technical Education (AP051013715, 2023–2027)