THEJASHWINI M A

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Objective

Seeking a challenging entry-level position in a reputed organization where I can apply my technical skills, analytical abilities, and problem-solving mindset to contribute effectively and grow professionally.

Education

Bachelor of Engineering, Information Science & Engineering – Maharaja Institute of Technology, Mysore, Karnataka (2022 – 2026) - CGPA: 8.85

Technical Skills

Languages: Python, C, SQL
Data Analysis & Visualization: Excel, Power BI, Pandas, NumPy, Matplotlib, Seaborn
Web & Application Development: HTML, CSS, Flask
Development Tools: Git, GitHub, VS Code, Jupyter Notebook , Netlify

Work Experience

Data Science Intern - Take It Smart (OPC) Pvt Ltd | Present

• Currently working on data preprocessing and machine learning workflows.
• Performing data cleaning, transformation, and handling missing values using Pandas.
• Conducting exploratory data analysis (EDA) to identify trends and patterns.
• Developing and testing basic machine learning models for prediction tasks.
• Evaluating model performance using standard metrics.
• Gaining hands-on experience with real-world datasets and business problems.

Projects

Health Diagnosis and Recommendation System - Link
- Built a Flask-based web app predicting diseases from 50+ symptoms using machine learning algorithms.
- Integrated additional modules for home remedies and hospital recommendations for user assistance.

OCR Text Recognition and NLP Correction System - Link
- Created an OCR + NLP pipeline using Tesseract and phi3 for accurate text extraction and correction.
- Designed an interactive Flask interface for uploading images, processing text, and downloading results.

Customer Churn Analysis Dashboard - Link
- Analyzed customer churn dataset using SQL for data extraction and aggregation, Excel for preprocessing and transformation, and Power BI for building interactive dashboards.
- Identified churn rate trends, high-risk customer segments, and revenue impact through data-driven insights.

Achievements

- **Research paper presentation** – **ICOATES 2025 (International Conference)** on Post-OCR Systems
- **Best Paper Award – ICaSmart 2025** for integrated OCR–NLP framework.

Certificates

- Python Programming – Simplilearn (2024)
- AI Tools & ChatGPT Workshop – be10x (2024)