

THE JASHWINI M A

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About me

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.

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.
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Projects

OCR Text Recognition and NLP Correction System - Github

- 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.
- Published research paper in **IJRDET journal** documenting system architecture and implementation.

Health Diagnosis and Recommendation System - Github

- 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.

Customer Churn Analysis Dashboard - Github

- 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.
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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

Achievements

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

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

Maharaja Institute of Technology, Mysore, Karnataka
B.E. in Information Science & Engineering - CGPA: 8.85

2022-2026