

Rushikesh Lokhande

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🔗 LinkedIn

🔗 Github

🌐 Portfolio

Objective

Machine Learning and Data Science enthusiast with hands-on experience in building AI-powered solutions like chatbots and recommendation systems. Skilled in Python, data preprocessing, model evaluation, and deployment, with exposure to NLP, Cloud Computing, and Data Analytics. I am now seeking opportunities to apply my technical expertise and analytical mindset to contribute to impactful AI/ML projects in the industry.

Technical Skills

Programming & ML: Python, SQL (MySQL), Pandas, NumPy, Scikit-learn, TensorFlow (basics), NLP (basics), Machine Learning, LLMs, Generative AI (GenAI)

Cloud & Tools: AWS (Cloud Foundations), LangChain, LangGraph, GitHub

Data & Visualization: Power BI, Excel, Data Preprocessing, Data Warehousing, OpenSearch, Model Evaluation & Optimization, Storytelling

Analytics & Strategy: Regression, A/B Testing, ETL, Analytical Thinking, Problem Solving, Business Strategy

Experience

Data Science Intern

January 2025 – June 2025

NullClass Edtech Pvt. Ltd.

Tamil Nadu, India

- Developed domain-specific LLM chatbots (e.g., medical Q&A) achieving 70%+ accuracy.
- Integrated multilingual support, summarization, and sentiment analysis.
- Deployed using Streamlit & FastAPI, adding real-time analytics to track performance.

Projects

Chat with PDF Chatbot | Python, LangChain, LangGraph, Streamlit, LLMs

- Built an interactive chatbot that allows users to upload and query PDFs conversationally.
- Implemented document parsing and context-aware responses using LangChain and LLMs.
- Deployed on Streamlit for real-time user interaction.

ML Crop Recommender | Python, Scikit-learn, Flask, HTML/CSS

- Developed an ML model recommending suitable crops based on soil and climate data.
- Performed data preprocessing, feature selection, and model optimization.
- Deployed with Flask + frontend for real-time agricultural insights.

Interactive Sales Dashboard | Excel, Power Query

- Designed an interactive sales dashboard with automated data refresh and KPI tracking.
- Created a star schema with fact/dimension tables and DAX-based performance metrics.
- Enabled dynamic visuals and slicer interactivity for business insights.

ResumeRankAI | Python, Pandas, NumPy, NLP, Sentence Transformers

- Built an AI-based resume ranking tool using semantic similarity with SentenceTransformer.
- Extracted and processed PDF resumes using PyPDF2 and compared them with job descriptions.
- Developed a Flask web app to display ranked results and export data as CSV.

Certifications

- **Data Visualization: Empowering Business with Effective Insights** – Forage / Tata
- **Data Analytics Job Simulation** – Forage / Deloitte
- **Power BI Job Simulation** – Forage / PwC
- **Google Cloud Presents Agentic AI Day 2025** – Hack2Skill
- **ISRO Bharatiya Antariksh Hackathon 2025** – Hack2Skill

Education

MIT ADT University – School of Engineering

2021 – 2025

Bachelor of Technology in Computer Science - CGPA – 7.70

Pune