MANTHAN JADAV

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Highly motivated and passionate **AI/ML Intern** with a strong foundation in **Python, Machine Learning, and Data Science** concepts. Proficient in **building, training, and deploying ML models** using key libraries like **NumPy, Pandas, and Scikit-learn**. Experienced with classification, regression, and clustering algorithms and eager to apply these skills to contribute to AI-driven solutions.

EXPERIENCE

Machine Learning Intern – Fxis Ai. (Full-Time) | *Certificate* *January 2025 – April 2025*

- Developed AI systems including a face recognition model (ArcFace + MTCNN) achieving **90%+ accuracy**.
- Built an **AI chatbot** reducing manual intervention by 90%, improving efficiency and engagemen by **35%.**
- Strengthened cross-functional collaboration skills by effectively **coordinating team tasks in agile sprint**, ensuring **100% on-time delivery** for all project milestones.

Data Analytics Intern – Infolabz IT Services (Project-Based) | *Certificate* *January 2025 – April 2025*

- Automated **API-based ETL pipelines in Python**, cutting manual data processing by **90%**.
- Developed customizable dashboards in **Power BI** and **Streamlit**, enabling **stakeholders** to generate **instant business insights** and reducing report turnaround time from **2 days to a few minutes**.

ACADEMIC PROJECTS

Face Dark Spot & Eye Detection | OpenCV, Haar Cascade | *GitHub Repository*

- Build an Intelligent Vision application to detect faces, eyes, and under-eye dark spots with ~ 95% detection accuracy.
- Developed classical ML (Haar cascades) and custom edge-based scoring for cosmetic/medical analysis, achieving real time.

AI Content Summarizer – GenAI | Streamlit, Gemini API, Python| *GitHub Repository*

- Engineered a Python-based ingestion pipeline using **YouTube Transcript API**, **Trafilatura**, and **Newspaper3k**.
- Created a **Streamlit** app delivering multilingual summaries of YouTube videos and articles with configurable lengths/styles.
- Enabled export in **TXT**, **PDF**, **DOCX**, and **PPTX**, streamlining content workflows for users.

Smart Healthcare Hub | ML & DL | *GitHub Repository*

- Implemented a **Flask-based healthcare web app** integrating **8 ML models** for disease prediction and an NLP chatbot for symptom analysis.
- Engineered **end-to-end ML pipeline** for preprocessing, training, evaluation, deployment, and personalized health recommendations**.**

Snacky - AI based Food Service Chatbot | NLP, FastAPI & Dialogflow | *GitHub Repository*

- Designed and deployed **FastAPI endpoints** integrated with Dialogflow to automate ordering, modifying, and tracking food requests.
- Improved order completion rate by **30%** and reduced manual interventions by **90%** through optimized chatbot flows.

SKILLS

- **Programming Languages:** Python, SQL.
- **Machine Learning:** Classification, Regression, Clustering, Predictive Modeling, Recommendation Systems.
- **Deep Learning:** TensorFlow, Scikit-Learn, Keras, NLP, OpenCV.
- **Frameworks & Tools:** FastAPI, Flask, Streamlit, Dialogflow, GitHub, MySQL.
- **Analytics & Visualization:** Power BI, Excel, Pandas, NumPy, Power Query.

EDUCATION

Bachelor of Engineering (Computer Science) *Oct 2021 – May 2025*
Gujarat Technological University **CGPA 8.18 /10**

CERTIFICATIONS

- Accenture North America: Data Analytics and Visualization – *View Credentials*

- Tata GenAI Powered Data Analytics Job Simulation – *View Credentials*
- Make an Impact with Data Analytics by IBM – *View Credentials*
- Python for Data Science Course on NPTEL – *View Credentials*