DEVAL DAKI

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OBJECTIVE

AI ML focused Computer Engineering student with hands on experience in Generative AI, deep learning, and ML system design. Built RAG pipelines, automated ML engines, and computer vision applications using Python and cloud tools.

TECHNICAL SKILLS

Programming	Python, SQL
Databases	PostgreSQL
Machine Learning	Scikit-learn, XGBoost, TensorFlow, Keras, CNN, Transfer Learning, Hyperparameter Tuning, Model Evaluation
Generative AI	RAG, Large Language Models, CrewAI, Qdrant, Semantic Search
Data	Pandas, NumPy, Feature Engineering, EDA
Deployment	FastAPI, Streamlit, MLflow, Docker, REST APIs
Version Control	Git, GitHub

PROJECTS

Seekra – Agentic PDF Q&A System Nov 2025 – Jan 2026

Developed a multi-agent RAG system (CrewAI/Qdrant) utilizing Groq LLMs, achieving 100% source attribution accuracy while eliminating AI hallucinations. Created an interactive Streamlit application featuring semantic document chunking, 6-message conversational memory, and dynamic internet search fallback. (GitHub)

Unified ML Pipelines – Automated Parallel ML Engine Aug 2025 – Oct 2025

Developed a unified Machine Learning platform (FastAPI/Streamlit) evaluating 14+ parallel models across 5 algorithmic families for regression and classification. Built an interactive dashboard featuring automated mathematical preprocessing, MLFlow tracking, and optimized hyperparameter grids yielding 80% search space reduction. (GitHub)

PackInspect – Bottle Anomaly Detection System Jun 2025 – Jul 2025

Developed a deep learning model (Keras/TensorFlow) achieving $> 92\%$ accuracy in defect detection. Created an interactive dashboard with batch processing, live camera input, and CSV export for quality tracking.
(Try it here | GitHub)

EXPERIENCE

AI/ML Intern Jan 2026 - Present

Microsoft Elevate Program via FICE Education *Remote*

- Built end to end data analysis pipelines using Python, Pandas, and NumPy for cleaning, transformation, and exploratory analysis of structured datasets.
- Designed and trained neural networks using TensorFlow and Keras including ANN and CNN architectures for experimental use cases.

EDUCATION

Bachelor of Engineering in Computer Engineering Expected 2026

SAL Institute of Technology and Engineering Research, Ahmedabad
Current CGPA: 7.51
Relevant Coursework: Data Structures, DBMS, Operating Systems, Machine Learning, Cloud Computing

CERTIFICATIONS & COURCES

Intel® AI for Manufacturing Certificate Course, Machine Learning with Python, Data Analysis with Python