

Beniamine AI Nahid

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Summary

Data Science major and Software Engineering graduate with strong academic foundation and hands-on experience in developing AI solutions including NLP systems, ML pipelines, and AI Agents. Proficient in Python, TensorFlow, PyTorch, FastAPI and modern AI frameworks like LangChain, LangGraph and Hugging Face.

Education

Bachelor of Science in Software Engineering, Major in Data Science

Daffodil International University, Dhaka, Bangladesh

2021 – 2025

3.96/4.00

Technical Skills

- AI & Data Science:** Machine Learning, Deep Learning, NLP, Computer Vision, Generative AI(LLMs), Fine-Tune LLMs, Building ML Pipeline, Evaluation
- Languages & Frameworks:** Python, Scikit-learn, TensorFlow, Pytorch, FastAPI, HuggingFace
- AI Agent:** Langchain, Langgraph, RAG, VectorStore/VectorDB, OpenAI
- Version Control & Monitoring:** Git, GitHub Actions, DVC, MLflow, Docker
- Others:** Gen-AI, Familiar with AWS(IAM, EC2, ECR, S3)

Academic Experience & Projects

Data Science Major

February 2024 – February 2025

- Completed core courses in Statistics, Machine Learning, Deep Learning, and Data Science
- Gained hands-on experience through labs and practical projects

Customer Feedback Analyzer

Project Repo

- Built multi-task BERT model for sentiment, intent, urgency, and topic classification
- Achieved 91% accuracy on 50,000+ samples with FastAPI deployment
- Automated routing and responsive web interface for enterprise use

MediQuery AI Assistant

Project Repo

- Developed health assistant using LangChain, RAG, and OpenAI GPT
- Integrated FAISS vector database for medical literature retrieval
- Implemented emergency detection with safety disclaimers and chat interface

Customer Segmentation ML Pipeline

Project Repo

- End-to-end MLOps pipeline for 6 behavioral customer clusters
- Dockerized FastAPI app with CI/CD and AWS deployment
- Integrated MongoDB for data storage and model serving

AI Product Recommender System

Project Repo

- Built RAG-based recommender using LangChain and OpenAI GPT
- Integrated AstraDB vector database for semantic search capabilities
- Real-time NLP pipelines for personalized, context-aware suggestions

Certificate

AI Agent Development Bootcamp for Programmers

Certificate: [Link](#)

May 2025 – October 2025