

# Beniamine AI Nahid

☎ +8801784080922   ✉ beniamine3155@gmail.com   in Beniamine Nahid   🌐 beniamine3155

## 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** 2021 – 2025  
Daffodil International University, Dhaka, Bangladesh 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** May 2025 – October 2025  
Certificate: [Link](#)