

# Kabid Yeiad

✉ kabidyeiad101@gmail.com | 📞 01880864937

🔄 [Yeiad-Explore](#) | [in Kabid Yeiad](#)

## Skills

**Languages:** Python, C/C++, SQL, JavaScript

**Technologies & Tools:** FastAPI, AWS (EC2, S3, Lambda, SageMaker), Hugging Face, LangChain, Llama, Flask, Docker, Git, ASR Pipelines

## Experience

### AI Agent Developer

Studynet | August 2025 - Present

- Engineered and optimized multi-agent AI systems, improving operational efficiency by **40%** through automated workflow orchestration and intelligent task delegation.
- Built production-ready AI chatbots with advanced RAG and Custom LangGraph Architecture.
- Developed end-to-end AI automation pipelines using LangChain and custom agent frameworks, streamlining data processing workflows.

### Machine Learning Engineer Intern

Intelsense AI | February 2025 - July 2025

- Helped build an AI agent for Grameenphone using a Retrieval-Augmented Generation (RAG) system to enhance customer query resolution.
- Developed and optimized a Speech-to-Text model, handling data collection and annotation.
- Scraped data from Grameenphone and YouTube, engineered datasets, and structured them into a processing pipeline for model training and evaluation.
- Created scripts for model training and deployment.

## Education

### Daffodil International University

BSc in Computer Science and Engineering

May 2020 - June 2024

**CGPA: 3.44/4.0**

Relevant Coursework: Object-Oriented Programming, Databases, Discrete Math, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Data Structures and Algorithms, Information Retrieval, Image Processing

## Projects

### Translation System Using Whisper AI & Transformer Model

Fine-tuned Whisper AI to transcribe ethnic languages into Bangla with **92% accuracy**. Curated a dataset of over **50,000 audio samples** and developed Transformer-based models for multilingual translation. Deployed a real-time transcription and translation pipeline using Flask.

**Skills:** Whisper AI, Deep Learning, NLP, Python, Flask, TensorFlow/Keras

**GitHub:** [Ethnic-Language-to-Bangla-Translation](#) [🔗](#)

### Memory-Enabled Chatbot Using LangChain & Google Generative AI

Developed a context-aware chatbot that utilizes LangChain and Google Generative AI, reducing response times by **50%**. Integrated session management for multi-user support and optimized dynamic interactions using ChatPromptTemplate.

**Skills:** LangChain, Google Generative AI, Python, NLP, API Integration

**GitHub:** [Chatbot-with-Memory-Using-LangChain](#) [🔗](#)

## Publications

- A Comparative Exploration of Hybrid Deep Learning and Machine Learning Approach for Advanced Sentiment Analysis Techniques.** [Read Full Paper](#)
- A Comprehensive Approach for Violence Inciting Text Detection using Deep Learning and Traditional Machine Learning Algorithms.** [Read Full Paper](#)