

MIR FARIS

JR. SOFTWARE ENGINEER

 mirfaris79@gmail.com |  FarisHollow |  mirfaris79 |  Uttara, Dhaka |  Portfolio

SUMMARY

Driven software engineer with practical back-end development experience. Devoted to using data science and artificial intelligence in practical initiatives, particularly LLMs & Chatbots. Dedicated to use software engineering and cognitive technologies to create cutting-edge, useful solutions.

PROFESSIONAL EXPERIENCE

Jr. Software Engineer, MyAlice

Nov 2024 - Apr 2025

- Contributing to the back-end development & optimization of Multi-Agent system (LLM).
- Context based, OpenAI chatbot development using Llamaindex & Qdrant vector database.
- Back-end development using FastAPI, Docker, MongoDB, PostgreSQL.
- Handle client services. Chatbots, handle webhooks (Shopify, Woocommerce), WhatsApp Flow (Meta), migrations.
- Minor data cleaning, SQA testing works & web scrapings.

Sept - Dec 2023

Software Dev. Intern, IT Way BD

- Participate in building websites. Front-end (Vanilla html, css, Js), Back-end (Php, Laravel).
- Providing client support (Data entry, POS software mentoring).
- Software sales & marketing.

PROJECTS

Chatbot (Context based+global)

- Stacks: FastAPI. Tools: Llamaindex, docling parser, qdrant vector database, OpenAI API.
- Operations: PDF document parsing by docling, embedding, chunking, context storing, chat.

Doctor's Portal

- Panels: Admin, Doctor, Patient, Manager. Features: Signup, login, profile, notification, notice, email, search, appointment, refer etc. Stacks: NextJs, NestJs, PostgreSQL.

Mobile Apps: Location tracker, Football live score, Task manager, To Do, Weather App.

SKILLS

FastAPI (Python), Flutter, NextJs, PostgreSQL, MongoDB, MySQL, Git & Github, Docker.

EDUCATION

B.Sc in Computer Science & Engineering

2020 - 2024

American International University Bangladesh (AIUB), CGPA: 3.64

Publications: From Survival to Thriving: AI-Powered Pathways for Homeless Children's Adoption and Healing. Journal: *International Journal of Scientific research and Engineering Trends (IJSRET)*. Vol: 10, Issue: 06. Nov-Dec-2024

ADDITIONAL INFORMATION

- **Certifications:** Mobile App Development (Ostad): Flutter, RestAPI, Widget, Firebase
- **Activities:** Organized Science fair, Cultural and Awareness programs with several organizations, NGOs and AIUB. Involved in local and international youth and social movements/seminars/organizations.