

# Abir Hasan Fuad

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## SKILLS

- **Tools & languages:** Python(LLM/ RAG projects), C/C++ (Problem Solving), Git.
- **Front-end :** JavaScript, TypeScript, NextJS, ReactJS, TailwindCSS
- **Back-end :** Golang (Concurrency & Parallelism/Fiber web framework), Vercel Postgres.

## WORK EXPERIENCE

- 1. All Generation Tech, Associate Software Engineer** Nov 2024 – present
  - Working as an Offshore Engineer for a renowned insurance company **CFC Underwriting Ltd.**, London, UK.
  - **Collaborating** with global teams from across the world to build **scalable** web apps.
  - Participating in **code reviews**, **system design**, and **agile sprints** to maintain engineering standards.
- 2. G2i, AI Trainer** Oct 2024 – present
  - Training LLMs and other AI models.
  - Optimize AI workflows for efficiency and accuracy.
  - Collaborating with team to build scalable web app.
- 3. Profyl.ai, Founding Engineer** Jun 2024 – Jul 2025
  - Working on creating modular, reusable components for our scalable web platform in Next.js, improving load times and maintenance.
  - Creating an AI-based HR solutions using RAG.
- 4. Greentech Apps Foundation, Intern mobile application developer** Jun 2023 – Oct 2023
  - Revitalized and modernized **legacy features** such as scholar searching with suggestions, state management transition using Flutter and other cross-platform technologies.
  - Worked on **database design** for application, worked with **Google Analytics** for understanding user heat map on the application pages, Worked with **Authentication systems (OAuth 2.0)** on the existing applications.

[Certificate of Appreciation Link.](#) 📄

## HACKATHON

- BUET CODECRAFTERS INTERNATIONAL 2024, FINALIST** Mar 2024  
We were tasked to create an Version Control System with similar features to Github. We used NextJS, Vercel Postgres, Prisma, Tailwind CSS for the project. [Github Link.](#) 📄 [Certificate Link.](#) 📄
- IUT CODERUSH 1.0 EVENT, CHAMPION** Mar 2023  
We were tasked to make an automated CV generator. We made that using NextJS, Prisma, tRPC, Vercel Postgres. Our team achieved the first place out of the 30 teams, totally consisting of 90 people.  
[Github Link.](#) 📄 [Certificate Link.](#) 📄

## PROJECTS

- **HadithLLM** (Python, LangChain, Vector Database): A RAG (Retrieval Augmented Generation) based chat like AI application that solves real life problem. [Github Link.](#) 📄
- **EducationAI** (Python): Developed a multilingual Retrieval-Augmented Generation (RAG) system capable of answering English and Bengali queries from PDF documents. [Github Link.](#) 📄
- **Complexity Analyzer** (Golang) : A Maintainability Index calculation Command Line Interface(CLI) Tool on Golang Codebase. [Github Link.](#) 📄

## BADGES

- Google cloud badges for completing LLM courses (Link).** 📄 Oct 2023
- Udemy Golang course completion certificate (Link).** 📄 Nov 2023

## EDUCATION

**Islamic University of Technology (IUT), BSc. in Software Engineering** Jun 2024

## PORTFOLIO WEBSITE

<https://next-portfolio-six-murex.vercel.app/> 📄