SIFAT ISLAM

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EDUCATION

The University of Texas at Dallas   **Aug. 2022 – May 2027**
Bachelor of Science in Computer Science   *GPA 3.97*
- Achievements: Dean's List, Academic Success Scholarship
- Relevant Coursework: OOP (Java, C++), Computer Architecture (MASM), Discrete Math, Data Structures & Algorithms, Programming Languages & Paradigms, Probability & Statistics for CS & SE, Database Systems

TECHNICAL SKILLS

Languages: Java, Python, C++, C, C#, JavaScript, HTML, CSS, Dart, SQL, Racket, Prologm Visual Basic, Assembly(MASM)
Frameworks: React, NodeJS, Flask, Flutter, Firebase, Firestore, MongoDB, NextJS, SQLAlchemy, Framer Motion, .Net
Developer Tools: VS Code, Eclipse, XCode, Unity, PyTorch, Docker, Git/GitHub, Linux, Postman, Kubernetes, Langchain, RAG

EXPERIENCE

Incoming Co-op Software Engineering Intern   **Jan. 2026 – April 2026**
Adtran   *Dallas, TX*
- Will contribute to embedded systems development using C++ focusing on performance, reliability, and scalable solutions.

Student Support Analyst   **Jan. 2025 – Present**
UT Dallas Office of Information Technology   *Richardson, TX*
- Facilitated technical support for UTD systems via phone, email, chat, remote tools, and in-person at the Technology Bar, achieving a **97%** satisfaction rate while utilizing **Jira**, **TeamDynamix**, **Sailpoint** and **PEARL** for ticket management.
- Resolved over 30 technical support tickets daily, achieving a **98%** first-call resolution rate by troubleshooting diverse software and hardware issues and maintained detailed support records for accurate documentation and follow-up.

Backend Developer   **Jan. 2024 – April 2024**
Association for Computing Machinery at UTD   *Richardson, TX*
- Spearheaded team of 5 to develop an Android app connecting **30,000+** students to events from **50+** university organizations.
- Integrated AI chatbot (OpenAI **GPT-4 Turbo**) providing personalized event recommendations with **90%** accuracy.
- Designed **Firestore NoSQL** schema which tested for **50%** more efficient data retrieval and seamless real-time sync.

PROJECTS

MedSplit | *NextJS/React, Javascript, MongoDb, TailwindCSS, Flask, Python, NodeJS, Gemini API*   **Sep. 2025**
- Architected a healthcare marketplace for **demand pooling**, verified donations, and micro grants with **server-side** validation, and progress tracking built with **REST APIs** to make essential drugs more affordable while instilling a sense of community.
- Implemented modular **TypeScript UI** with client-store patterns (interactive **CRUD**, optimistic updates) enabling real-time auth, doctor-verified **document sharing**, and seamless payment interactions with auto generated downloadable receipt.

FinSight AI | *LangChain, LlamaIndex, Unstructured.io, OpenAI API, NextJS, MongoDB, Flask*   **Apr. 2025**
- Led the development of an application for employees to upload and query annual financial reports through an AI agent.
- Integrated **LangChain**, **RAG**, and advanced **PDF parsing** strategies to analyze unstructured and non-text-based content.
- Benchmarked performance with custom **unit testing** and API tuning, improving QA accuracy from **37% to 67%**.

HydraWatch | *Flask, NextJS/React, TailwindCSS, SQLAlchemy, ML(Regression)*   **Nov. 2024**
- Developed a fullstack web app for EOG Resources at HackUTD 2024 for real-time hydrate anomaly predictions in gas pipelines.
- Trained a regression model with **95% accuracy** in **Google Colab**, integrated with **Flask** backend for real-time predictions.

LEADERSHIP/ORGANIZATIONS

Bangladeshi Student Organization | *Creativity Officer*   **Aug. 2022 – May 2023**

Association for Computing Machinery at UTD | *Project Participant*   **Feb. 2024 – Apr. 2024**

Artificial Intelligence Society at UTD | *Member*   **Aug. 2023 – Dec. 2023**