



Lamia Alam

Undergraduate Student at IUT

I'm a Software Engineering graduate from Islamic University of Technology (IUT). I've expertise in web development. I also have research experience on Large Language Models (LLMs). I'm looking forward to applying and growing my skills in a professional environment.

Work Experience & Projects

Contact

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Address

Baitulaman housing society,
Adabor, Dhaka-1207.

Education

2018

SSC GPA: 5.00

Mohammadpur Preparatory School

2020

HSC GPA: 5.00

Adamjee Cantonment College

2025

BSc in Software Engineering

Islamic University Of Technology (IUT)

Expertise

- **Backend Development :** ExpressJS, Django (Python), PHP, Java
- Large Language Models, Fine Tuning
- **Frontend Development :** ReactJS, TailwindCSS, Angular, HTML5
- **Testing & Quality Assurance :** JUnit4, Selenium
- **Database:** MySQL, MongoDB
- **Project Management Tools :** Jira, Azure Portal
- **UI/UX Design :** Figma

LinkedIn

[Click here](#)

Developer Intern | SELISE Digital Platforms | Dhaka

June 2024 - October 2024

Contributions:

- Contributed in frontend development using Angular framework and Tailwind CSS.
- Attended daily scrum, sprint meetings for collaboration in team work.

MERN Stack Project | 4th Semester | IUT

February 2023 - May 2023

Project Title: BonVoyage

- Implemented intuitive user interfaces for trip slot creation, invitation, and polling features, route viewing and travel itinerary creation.
- Implemented trip planning feature and a route viewing feature which allows users to input destination and view route.

NodeJS Project | 5th Semester | IUT

August 2023 - December 2023

Project Title: NotesShare

- Built a server-based note-sharing platform.
- Implemented OAuth authentication and authorization.
- Integrated notes sharing, commenting and accessing features to other users.

Django (Python) Project | 5th Semester | IUT

August 2023 - December 2023

Project Title: GrocerEase

- Developed GrocerEase, a Django-based ecommerce website, allowing customers to add items to cart, purchase ordered items, make payment and apply voucher.
- Enabled sellers to upload, manage, and promote their products effectively.
- Created interactive user friendly interfaces for this e-commerce website.

Experience in Research

Bug Report Summarization using LLMs | IUT

November 2024 - Present

Conducted research by using prompt engineering and large language models (LLM) to generate concise summaries from complex bug reports and related buggy code snippets to support faster debugging.

GitHub

<https://github.com/turna62>