

# MD THORIQUL ISLAM THONMAY

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## ABOUT ME

2nd-year Computer Science student proficient in **Python**, **C++**, and **Java**, with experience in **LLMs**. Strong problem-solving, teamwork, and communication skills with **Linux** experience.

## EDUCATION

### Eötvös Loránd University

BSc in Computer Science

Budapest, Hungary

Sep. 2023 – Jan. 2027(*expected*)

- **Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Web Programming, Database Management Systems, Discrete Mathematics, Basic Math, Analysis.

## EXPERIENCE

### Teaching Assistant of Discrete Mathematics

Eötvös Loránd University

Feb. 2025 – Present

Budapest, Hungary

- Created and curated course materials for **200+** students, contributing to improved test scores.
- Developed a **Chatbot** with **Python** & **Gemini API** to assist students with administrative queries, decreasing Lecturer's **workload by 30%**.

### Event Management Team

Google Developers Group (GDG): On Campus ELTE

Oct. 2024 – June 2025

Budapest, Hungary

- Planned and executed **6** technical workshops, consistently engaging **50+** participants per event.
- Introduced innovative elements(e.g., round table discussion) that increased participant engagement by **20%**.

## PROJECTS

### Automated Image Data Pipeline | Python, SQLite, Bash | [GitHub](#)

Aug. 2025

- Built an automated **data pipeline** to clean and validate 1,000+ images for AI training datasets.
- Implemented **SQL logging** of metadata, enabling dataset filtering and monitoring.

### Discrete Mathematics Chatbot | Python, RAG, LangChain | [HuggingFace](#)

Jun. 2025

- Built a chatbot using **Python** & **Gemini** with embeddings and vector database for document retrieval, implementing **data validation** for reliable responses.

### Canvas Quiz Automation | Python, OpenAI API, Gradio

May 2025

- Automated quiz question by extracting from Canvas, filtering, and generating similar questions, reducing preparation time by **80%**.

## SKILLS

**Programming Languages:** Python, C++, Java, C, SQL, JavaScript, C#

**Frameworks & Libraries:** Pandas, PyTorch, Keras, Matplotlib, NumPy

**Developer Tools:** Linux, Git, GitHub, CMake, Docker, Jenkins (CI/CD), Shell Scripting (Bash)

**Data Structures & Protocols:** JSON, YAML, Embeddings, RAG

## CERTIFICATIONS

LLM Engineering: Master AI, Large Language Models & Agents - Udemy (08/2025)