

# Abdul Lattif Muaaz

 muaazlattif@gmail.com  0761164425  Colombo, Sri Lanka  Muaazl-portfolio

 [Linkedin.com/in/muaazlattif/](https://www.linkedin.com/in/muaazlattif/)  [Github.com/muaazl](https://github.com/muaazl)

## Education

---

### B.Sc. (Hons) Computer Science

Reading

SLIIT City UNI (University of Bedfordshire, UK)

### Higher National Diploma in IT

03/2024 - 11/2025

SLIIT City UNI (University of Bedfordshire, UK)  
(GPA - 3.4)

### Foundation Certificate in IT

03/2023 - 11/2023

SLIIT City UNI (University of Bedfordshire, UK)  
(GPA - 3.2)

## Professional Experience

---

### Web Developer (Part Time)

05/2025 - Present | Hybrid

Nierwell (Pvt) Ltd.

- Development of an E-Commerce software using the MERN Stack.
- Collaborated for database designing, coding and managing along with collaboration for the designing and planning phase of the software.
- Lead the technical team towards the deadlines and arrange technical meetings

### Search Operations Intern

07/2025 - Present | On-site

PickMe | Digital Mobility Solutions Lanka PLC

- Contributing to the improvement of search functionality at PickMe Food & Market by supporting tagging systems and assisting in refining algorithm rules on the technical side.

## Technical Skills

---

**Languages:** Typescript, Javascript, Python, Java, CSS

**Frameworks & Libraries:** React, Next.js, Node.js, Express.js, Tailwind CSS

**Databases:** MongoDB, MySQL, Supabase, Vector DB

**Machine Learning & Data Tools:** scikit-learn, pandas, NumPy, spaCy, sentence-transformers, SciPy

**ML Techniques:** Text Classification, Semantic Search, Clustering, Summarization, Similarity Scoring, Basic Feature Engineering, Data Cleaning

**Developer Tools:** Git, GitHub, Trello, Postman, Vercel, Render

**Other:** REST APIs, basic Web Scraping, CSV/Excel data handling

**Design Tools:** Figma, Wireframing, Prototyping, Basic UI/UX Principles

## Projects

---

### CineMatch AI

12/2025

*Movie Recommendation System*

[Live Link ↗](#) [Source Code ↗](#)

**Tech Stack:** Next.js, TypeScript, Tailwind CSS, Framer Motion, FastAPI (Python), Pinecone, sentence-transformers, TMDB API

- A world-class hybrid movie recommendation engine powered by Semantic AI, Pinecone Vector DB, and a VOD-style UI. It uses Natural Language Processing to understand "vibes" rather than just keywords.

### StuLearn AI

11/2025

*Research Workspace*

[Source Code ↗](#)

**Tech Stack:** Next.js, TypeScript, TailwindCSS, Shadcn UI, Node.js, Express, MongoDB, FastAPI (Python), HuggingFace ML models

- An AI-powered research workspace that transforms PDFs into a queryable knowledge graph. Features semantic search, auto-summarization, and topic clustering using local LLMs (HuggingFace) and a MERN stack.

### ProductMatcher

10/2025

*SKU Matching Engine*

[Source Code ↗](#)

**Tech Stack:** Python, sentence-transformers (NLP embeddings), Semantic + Keyword Matching, Pandas (CSV/Excel Data Processing)

- An AI-powered engine integrated into a desktop software to intelligently match, clean, and tag product SKU data in batches using a product catalog.

### UNiBUD.LK

05/2025 – Present

*Student Accommodation System*

[Live Link ↗](#)

**Tech Stack:** React, Typescript, Express, Node.js, MongoDB, Firebase

- A service system to bridge the gap between landlords and students for easy accommodation finding.

### HR Payroll System

08/2025 – Present

*Human Resources Information System*

[Live Link ↗](#)

**Tech Start:** React, Typescript, Node.js, MongoDB, TailwindCSS, Express

- An administrative system for employee, attendance, leave, announcement, payroll and profile management.