

# Ifaz Ikram

4/1A, Thalapitiya Cross Road, Thalapitiya, Sri Lanka

☎ (+94) 75 561 2754   ✉ ifazi.23@cse.mrt.ac.lk   🔗 linkedin.com/in/ifaz-ikram  
🐙 github.com/Ifaz-Ikram

## PERSONAL STATEMENT

Computer Science and Engineering undergraduate at the University of Moratuwa. Passionate about full-stack development and software engineering with hands-on experience in Kotlin Multiplatform and backend systems. Active open-source contributor and competitive programmer, dedicated to building efficient and scalable solutions.

## EDUCATION

### University of Moratuwa

BSc Eng Hons in Computer Science and Engineering

Registration Number: 230253H | CGPA: 3.60 / 4.00

Dean's List – Semester 1 (SGPA: 3.94)

Mar 2024 – Present

Moratuwa, Colombo

### Richmond College

High School (Secondary Education)

G.C.E Advanced Level Examination (Jan 2023): Combined Mathematics, Physics, Chemistry – 3A's

Z-Score: 2.3803 | District Rank: 43 | Island Rank: 354

July 2020 – Jan 2023

Galle

### St. Aloysius College

High School (Secondary Education)

G.C.E Ordinary Level Examination (Dec 2019): 9A's (including English Literature, Tamil, ICT)

Dec 2008 – July 2020

Galle

## COURSEWORK

- Programming Fundamentals
- Program Construction
- Computer Organization and Digital Design
- Data Structures and Algorithms
- Operating Systems (Ongoing)
- Database Systems (Ongoing)
- Data Communication and Networking (Ongoing)
- Introduction to Artificial Intelligence (Ongoing)
- Mathematics, Differential Equations & Applied Statistics

## EXPERIENCE

### Marketing & Finance Manager & Full Stack Engineer

Rexosphere (Part-time)

Sep 2025 – Present

- Supporting marketing and financial strategy initiatives while contributing to full-stack development tasks.
- Involved in sponsorship outreach, branding, and technical implementation across ongoing projects.

## PROJECTS

### LeoConnect (Social Networking Platform)

Role: Core Backend & Mobile Contributor

2025

- Engineered core backend API using **Cloudflare Workers** and **D1 Database**, handling auth and R2 storage.
- Implemented optimistic UI updates for comment interactions on the Android client (**Kotlin Multiplatform**).
- Contributed 4,500+ lines of TypeScript code, optimizing database migrations and input validation.

### **Money-Splitter (Expense Management App)**

2025

*Role: UI/UX Lead*

- Spearheaded a comprehensive UI overhaul for a **Kotlin Multiplatform** app, designing a 3-step onboarding flow.
- Implemented complex undo functionality and progressive forms, changing 48 files with 7,300+ lines of code.

### **SkyNest Hotel Management System**

2025

*Role: Full Stack Developer*

- Developed reservation workflows and guest service management features using **JavaScript** and **PLpgSQL**.
- Architected REST APIs and database schemas with 60+ commits to the project repository.

### **Nano - Processor Simulation Project**

Ongoing

*Tools: Xilinx Vivado, VHDL, Assembly Language*

- Designed and simulated a custom 4-bit Nano Processor using **VHDL**.
- Implemented core CPU functionalities including arithmetic units, bitwise operations, and control flow.

## **HONORS & AWARDS**

---

### **Champion – BashAway 2025**

2025

*Team Velosphere – SLIIT FOSS (Scripting & Automation Competition)*

### **Champion – AlgoArena 2025 (LeoConnect)**

2025

*Leo Club of University of Sri Jayewardenepura*

### **Champion – HaXtreme 4.0**

2025

*Team Velosphere – IEEE Student Branch, University of Ruhuna*

### **1st Runners Up – J’pura Xtreme 2.0**

2025

*Team Velosphere – University of Sri Jayewardenepura (24-hour coding competition)*

### **Finalist – SLIIT Xtreme 4.0**

2025

*Team Velosphere – Topped the HackerRank leaderboard in the onsite final round*

## **TECHNICAL SKILLS**

---

- **Languages:** Kotlin, JavaScript, TypeScript, Python, Java, C++, VHDL, SQL
- **Frameworks/Platforms:** Kotlin Multiplatform, Jetpack Compose, Cloudflare Workers, Ktor
- **Developer Tools:** VS Code, IntelliJ IDEA, Git, GitHub

## **INTERPERSONAL SKILLS**

---

- Communication | Leadership | Analytical Thinking | Adaptability

## **LEADERSHIP AND EXTRACURRICULAR ACTIVITIES**

---

### **Finance Committee Lead – IESL RoboGames 25/26**

2025 – Present

*Department of CSE, University of Moratuwa (with IESL & SLT-Mobitel)*

<b>Finance Committee Member – SLIoT Challenge 2026</b> <i>Department of CSE, University of Moratuwa (with SLT-MOBITEL &amp; IESL)</i>	2025 – Present
<b>Finance Committee Member – ENIGMA 2025</b> <i>CSE Student Society, University of Moratuwa</i> Worked on sponsorship outreach and helped secure platinum sponsorship.	Sep 2025
<b>Finance Committee Member</b> <i>CSE Student Society (Seasonal)</i>	Sep 2025 – Present
<b>Department Representative (Semester 2 &amp; 3)</b> <i>University of Moratuwa</i> Representing Batch '23, bridging communication between students and the department.	2025 – Present
<b>Organizing Committee (Logistics) – ADSCAI 2025</b> <i>University of Moratuwa</i> Coordinated logistics and delegate handling for the AI & Data Science conference.	2025
<b>Majlis - Ul - Islam</b> <i>Executive Member – University of Moratuwa</i>	2024 – Present
<b>Muslim Majlis</b> <i>Held Editor, Co-Ordinator, Member Positions – St. Aloysius College, Galle</i>	2018 – 2020
<b>Prefect Board</b> <i>Junior Prefect – St. Aloysius College, Galle</i>	2018 – 2019
<b>Toastmasters Club</b> <i>Member – St. Aloysius College, Galle</i>	2018
<b>Chess Player</b> <i>Member of Chess Team – St. Aloysius College, Galle</i>	2015 – 2016