

Ifaz Ikram

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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

Sep 2025 – Present

Rexosphere (Part-time)

- 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)

2025

Role: Core Backend & Mobile Contributor

- 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)

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