

JALINA HIRUSHAN

SOFTWARE ENGINEERING INTERN

PROFILE

Third-year IT undergraduate at the University of Moratuwa with practical experience in full-stack development, mobile apps, and IoT projects. Eager to contribute as a Software Engineering Intern by applying strong technical skills, teamwork, and a passion for building real-world solutions.

WORK EXPERIENCE

2025 April - PRESENT
Alphagenes
Software Engineering Intern

2025 March - Present
IoT & Embedded Systems Labs (IES Labs)
Faculty of IT
Firmware Team Member

PROJECTS

Land and Asset Valuation System
Mentored by: Epic Lanka Technologies
2024 - 2025

- Role:** Full Stack Developer
- TechStack:**
 - Front-end: Flutter
 - Back-end: .NET
 - Database: PostgreSQL, SQLite
 - GIS-based property visualization: Mapbox
- Developed a Land and Asset Valuation mobile application for the Valuation Department of Sri Lanka as our 2nd Year Software Project.
- Contributed across the full Software Development Life Cycle (SDLC), including system design, development, and testing in an Agile environment.

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<https://www.linkedin.com/in/jalinahirushan/>

<https://github.com/JalinaH>

<https://medium.com/@jalinahirushan2002>

EDUCATION

2023 - 2027

UNIVERSITY OF MORATUWA -
FACULTY OF INFORMATION
TECHNOLOGY

- BSc Hons in Information Technology
- CGPA - 3.35 (Up to Semester 3)

2021

NALANDA COLLEGE

- GCE Advanced Level
- Combined Maths - A, Chemistry - A, Physics - B
- Z - Score - 1.758

SKILLS

- Languages:** JavaScript, TypeScript, Python, C, Dart, Java
- Frameworks:** React, React Native, Next.js, Flutter, .NET, Node.js
- Databases:** MySQL, PostgreSQL, MongoDB, SQLite
- Tools & Others:** Git, Mapbox, Clerk, Stream, Figma, Agile/Scrum

DebateX

2024

- **Role:** Full Stack Developer
- **TechStack:**
 - Front-end: Next.js
 - Authentication: Clerk
 - Video Conferencing SDK: Stream
- Built a structured debate platform enabling real-time discussions and room management.
- Implemented authentication with Clerk and integrated Stream for live debate features.
- Designed responsive UI components and structured user flows.
- Semi-finalist at Idealize 2024.
- <https://debate-x-nrd5.vercel.app>

UoM finance division payroll system

2025

- **Role:** Full Stack Developer
- **TechStack:**
 - Front-end: Tkinter
 - Database: SQLite
- Developed a desktop application to automate payroll processes for the university's finance division.
- Designed UI with Tkinter and handled data storage using SQLite.
- Implemented features like automated email notifications to improve efficiency and reduce manual work.

CookPal

2024

- **Role:** Front-end Developer
- **TechStack:**
 - Front-end: React
 - Backend: Firebase
- Developed a team-based recipe management application as a university module assignment.
- Implemented features for browsing, saving, and managing recipes with real-time data updates to ensure a seamless user experience.
- <https://cookpal-7029c.web.app/>

ACHIEVEMENTS

- CodeStorm 2.0 (2024) - Finalists
- Idealize 2024 - Semi-Finalists
- CodeRally 5.0 (2024) - 4th Place
- Xtream Encode Global Hackathon (2024) - 81st Place
- MoraXtream 9.0 (2024) - 21st Place
- CodeRush (2024) - 11th Place
- CryptX 1.0 (2025) - Finalists
- Spirit of Service Award - 2024
- HackMoral 7.0 - Runners-up
- UGRAM Award Winner - Exclusive Category for Inspiring Rotaract Club Projects of South Asia

EXTRACURRICULAR ACTIVITIES

- **Open-Source Contributor**
 - Hacktoberfest 2024
- **Rotaract Club of the University of Moratuwa (2023 - Present)**
 - Project Co-chairperson of Project Aya
 - Project Co-chairperson - Data Storm 5.0
 - Volunteered in MonsterMash 2.0, Hand in Hand, and Are You Ready
- **IEEE University Branch University of Moratuwa (2023 - Present)**
 - Publicity Committee Member - Mora Xperts
 - Team Handling Committee Member - NFB Championship
- **INTECS UoM (2023 - Present)**
 - Volunteered at the Career Fair 2024
 - Company Coordinator in Career Fair 2025
- **Batch Representative for Level 3**

REFERENCES

V. D. Geekiyangage

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