



MADHURA JAYASHANKA

SOFTWARE ENGINEERING INTERN

CONTACT

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- 📄 StackOverflow://Madhura
- 📁 Portfolio://Madhura.Tech
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- 📌 Credly://MadhuraJayashanka

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C
- Python
- Java
- Dart

WEB DEVELOPMENT

- Angular
- ReactJS
- HTML
- CSS
- TypeScript
- JavaScript

BACKEND DEVELOPMENT

- Node.js
- Serverless
- Spring Boot

MOBILE DEVELOPMENT

- React Native
- Flutter
- Swift

DATABASE

- MongoDB
- MySQL
- DynamoDB
- PostgreSQL
- AWS RDS

ABOUT ME

A passionate, enthusiastic, and skilled undergraduate who is committed to working smart to achieve goals and willing to take on any challenge. Moreover, a responsible team player with solid and friendly leadership qualities and a good team spirit who can adapt and focus on any productive targets, seeking an opportunity as a software engineer intern to apply and explore existing and emerging technologies in the field of Information Technology.

EDUCATION



B.Sc. (Hons) in Information Technology and Management

(Expected in 2026)

CGPA: 3.94 (up to L1S2)

Faculty of Information Technology,
University of Moratuwa.



CMJD Professional | Comprehensive Master Java Developer (2021)

IJSE-Institute of Software Engineering



G.C.E. (A/L) (2020)

Richmond College, Galle

1A' 2B's - 1.9009 | District Rank - 63



G.C.E. (O/L) (2017)

Kularathna National College, Ambalangoda

9A's

PROJECTS

➤ Hostel Management System - University of Moratuwa Welfare Division (on going)

A platform to digitize the hostel application process for students and the room allocation and application management process for welfare division staff that was previously done manually.

ReactJs, Node.js, MySQL

➤ Attendance Management System - 99X - Compulin (on going)

A full-stack, cloud-native web and mobile application integrated with an AWS serverless backend to advance the attendance, leave management, and human resources management processes, incorporating the Geo-Fencing concept.

Angular, Flutter, AWS (lambda | DynamoDB | S3 | Cognito | Amplify | API Gateway), Node.js, Serverless Framework, TypeScript

➤ RiseUpMora Internship Platform - IEEE Student Branch UoM

A platform to automate submit resumes, select companies, face for interviews, get feedbacks for students and allocate students for companies, manage interviews for admins and give feedback, mark attendance for companies.

ReactJs, Firebase, TypeScript

VERSION CONTROL

- GIT

TOOLS AND PLATFORMS:

- VS Code
- IntelliJ
- Android Studio
- XCode
- PyCharm

OPERATING SYSTEMS

- MacOS
- Windows
- Linux (Ubuntu)

CLOUD PROVIDERS

- AWS
- Firebase
- GCP

CONTAINERIZATION

- Docker
- Docker Compose

PROJECT MANAGEMENT TOOLS

- Jira
- GitHub Projects
- ClickUp
- Trello

OTHER

- Premiere Pro
- FinalCut Pro
- Davinci Resolve
- After Effects
- PhotoShop
- LightRoom
- Canva

CERTIFICATIONS

[Certifications are available on my LinkedIn Page](#)

VOLUNTEER

- DevLabs
- Rotaract Club at UoM
- IEEE Student Chapter
- AIESEC Colombo South (OGT)
- MoraSpirit
- SEDS Mora

NON-TECHNICAL SKILLS

- Problem Solving
- Leadership
- Communication
- Creativity
- Team Player

PROJECTS (Cont.)

➤ Sri Lanka University Games - MoraSpirit (on going)

A mobile app for both iOS and Android, allowing viewers to watch live scores, access previous scores, and view upcoming games between universities. Additionally, a web portal is provided for the news team to update scores in real-time for 20+ games.

React Native, ReactJs, Firebase MySQL

➤ Project Portal - IT Faculty of UoM (on going)

A portal designed to showcase Level 1 hardware projects to the public community, raise awareness, and publish the works of students. The platform aims to open new opportunities for students to collaborate with the industry, transforming their projects into real-life endeavors.

NextJS, NestJS, PostgreSQL, AWS

➤ Safety Black Box Unit for Vehicles - IOT Project - L1

Grade: A+

A Security Unit for cars designed to track real-time location, comprehend accidents, report incidents, monitor real-time vehicle data (such as speed, fuel levels, and braking patterns), and seamlessly connect with a real-time updating web and mobile app. The unit also records all data internally.

Arduino, ReactJs, Flutter, ThingSpeak

➤ Shop Beast: E-Commerce Full-Stack Project - IJSE

Grade: A+

A web-based full-stack application designed for both shop owners and buyers, providing a platform for selling electronics. The application includes various buying options for buyers, enhancing the overall shopping experience.

Angular, Spring Boot, MySQL, Spring Security, Spring Data JPA

➤ Tour Me: Blogging Application for Travellers

A social media platform that allows users to sign up, share their travel stories through photos and articles, and upload pictures to enhance their narratives.

Angular, Node.js, MongoDB

➤ Chat App: Group Chat Application

A group chat application created for communication with friends outside of common social media. It allows users to create different chatrooms and connect with various friends.

ReactJs, Firebase, OAuth 2.0

➤ Today News: Live News Application for MacOS and IOS

A live-updating news application that utilizes a news API for macOS, iOS, and iPadOS. This application provides real-time news updates and is accessible across multiple Apple platforms, enhancing the user experience for staying informed.

Swift, SwiftUI

➤ Personal Expenses Monitor

A mobile app designed to track expenses and present them in a graph, allowing users to compare daily expenditures. This user-friendly application provides a visual representation of spending patterns, facilitating effective financial management and analysis.

Flutter, SQLite

LANGUAGES

- English - Proficient
- Sinhala - Native

INTERESTS

- Swimming
- Volunteering
- Photography
- Teaching

NONRELATED REFEREES

DR. Chaman Wijesiriwardana
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AWS Community Builder
Visiting Lecturer
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ACHIEVEMENTS

- **Openhack 2.0 - 3rd Place**
Annual Hackathon (HackerRank) organized by the Institute of Information Technology.
- **RealHack 4.0 - Top 15**
Annual Hackathon (HackerRank) and Solution Development (Full-stack Web Application) Competition organized by the University of Kelaniya.
- **Hacktoberfest - 2023 - Swag Winner**
Hacktoberfest is an annual international event for open-source contributions. Issued by DigitalOcean in partnership with GitHub.
- **Hacktoberfest - 2022 - Swag Winner**

EXTRACURRICULAR

- **Technical Writer - Medium (Dec 2022 - Present)**
Enlear Academy
AWS in Plain English
Stackademic
- **DevLabs (Jan 2023 - Present)**
Origin Member and a Developer for 2 Projects
- **MoraSpirit (Jun 2022 - Present)**
Web & Technology Pillar (Developer) (Jun 2023 - Present)
Video Pillar (Videographer & Editor) (Jun 2022 - Jun 2023)
- **IEEE Student Chapter Univeristy of Moratuwa (Jul 2022 - Present)**
Rise Up Mora Web Team Lead (Jul 2023 - Dec 2023)
MoraXtreme 7.0 Organizing Committee(Jul 2022 - Oct 2022)
IEEE Xtreme 16.0 Organizing Committee(Jul 2022 - Oct 2022)
- **YouTube Content Creator (Dec 2018 - Present)**
Documentary/ Educational/ Travel Videos (2K Subs)
- **Videographer & Photographer (Feb 2017 - Present)**
Part-time event/ landscape Photographer and Videographer