

# MADHURA JAYASHANKA

INTERN - SOFTWARE ENGINEER



## CONTACT

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## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

- C
- Python
- Java
- Dart

### WEB DEVELOPMENT

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

### BACKEND DEVELOPMENT

- Node.js
- Serverless Framework
- Spring Boot

### MOBILE DEVELOPMENT

- React Native
- Flutter
- Swift

### DATABASE

- MongoDB
- MySQL
- DynamoDB
- PostgreSQL
- AWS RDS
- MSSQL

### CLOUD PROVIDERS

- AWS
- Firebase

### CONTAINERIZATION

- Docker

## ABOUT ME

Fast-learning Information Technology student with a strong foundation in programming languages and a passion for applying them to innovative solutions. Eager to contribute to a fast-paced software engineering environment and leverage strong leadership and teamwork skills. Always learning and adapting to new technologies, I'm a friendly team player seeking an internship to gain practical experience and explore cutting-edge advancements in the IT field.

## EDUCATION



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

(Expected in 2026)

**CGPA: 3.83 ( up to L2S1 )**

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 - UoM Welfare Division (2023 Jul - Present)

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 & HR Management System - 99X (2023 Oct - Present)

A full-stack, cloud-native web, and mobile application integrated with a Micro Services-based AWS serverless backend to Mark the attendance, Employee management, Company and Branches management, Leave management, and human resources management processes, incorporating the Geo-Fencing concept with a Mandatory Access Control System.

**Angular, AWS (lambda | DynamoDB | S3 | Amplify | API Gateway), Node.js, Serverless Framework, GitHub Actions(CI/CD), Jest**

### ➤ RiseUpMora Internship Platform - IEEE Branch UoM (2023 Jul - Aug)

A platform to automate submitting resumes, select companies, face for interviews, get feedback from companies and allocate students for companies, manage interviews for admins and give feedback, and mark attendance for companies for 1000+ traffic.

**ReactJs, Firebase, TypeScript**

## VERSION CONTROL

- GIT

## OPERATING SYSTEMS

- MacOS
- Windows
- Linux

## PROJECT MANAGEMENT TOOLS

- Jira
- GitHub Projects
- ClickUp
- Trello

## CERTIFICATIONS

- [AWS Cloud Practitioner](#)
- [Google Cloud Fundamentals](#)
- [Agile Project Management](#)

## VOLUNTEER

- DevLabs
- MoraSpirit
- IEEE Student Chapter
- AIESEC Colombo South (OGT)
- SEDS Mora (Satellite & IT Division)

## INTERESTS

- Social Entrepreneurship
- Knowledge Sharing
- Documentation & Blogging
- YouTube (Content Creation)
- Photography

## NON RELATED REFEREES

**DR.(MS) GANEGODA G.U.**

Senior Lecturer

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Faculty of Information Technology

University of Moratuwa

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**Mr. Chameera Dulanga**

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AWS Community Builder

Visiting Lecturer

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## PROJECTS (Cont.)

### ➤ Sri Lanka University Games App - MoraSpirit (2023 April - Present)

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

### ➤ Safety Black Box Unit for Vehicles - IOT - (2022 Sept - 2023 May)

Grade: A+

A Security Unit for cars designed to track real-time location with a visualized Map, report incidents, monitor real-time vehicle data (such as speed, fuel levels, and braking patterns) with charts, and seamlessly connect with a real-time updating web and mobile app.

Arduino, ReactJs, Firebase, Flutter, ThingSpeak

### ➤ Shop Beast: E-Commerce Project - IJSE (2021 Nov - 2022 Feb)

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 Platform: Blogging Platform for Travellers (2021 April - Oct)

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

## ACHIEVEMENTS

- Openhack 2.0 - 3rd Place
- RealHack 4.0 - Top 15
- HacktoberFest - 2022 and 2023 - Swag Winner

## EXTRACURRICULAR

### ▪ 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)

### ▪ Technical Writer - (Dec 2022 - Present)

Enlear (Feb 2024 - Present)

Medium (Dec 2022 - Present)

### ▪ DevLabs (Jan 2023 - Present)

Origin Member and a Developer

### ▪ MoraSpirit (Jun 2022 - Present)

Web & Technology Pillar (Developer) (Jun 2023 - Present)

Video Pillar (Videographer & Editor) (Jun 2022 - Jun 2023)

### ▪ YouTube Content Creator (Dec 2018 - Present)

Documentary/ Educational/ Travel Videos (2K Subs)

### ▪ Videographer & Photographer (Feb 2017 - Present)

Part-time event/ landscape Photographer and Videographer