MADHURA JAYASHANKA

SOFTWARE ENGINEERING INTERN

CONTACT

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- HackerRank://MadhuraOnline
- StackOverflow://Madhura
- Portfolio://Madhura.Tech
- YouTube://MadhuraJayashanka
- Credly://MadhuraJayashanka

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C
- Java
- Python
- Dart

WEB DEVELOPMENT

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

BACKEND DEVELOPMENT

- Node.js
- Serverless Framework
- Spring Boot

MOBILE DEVELOPMENT

- React Native
- Flutter
- Swift

DATABASE

- MongoDB
- DynamoDB
- AWS RDS
- MYSQL
- PostgreSQL
- MSSQL

CLOUD PROVIDERS

- AWS
- Firebase

CONTAINERIZATION

- Docker
- Docker Compose

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 - 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, 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

OPERATING SYSTEMS

- MacOS
- Windows
- Linux (Ubuntu)

PROJECT MANAGEMENT TOOLS

- Jira
- GitHub Projects
- ClickUp
- Trello

CERTIFICATIONS

Certifications are available on my LinkedIn Page

VOLUNTEER

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

NON-TECHNICAL SKILLS

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

INTERESTS

- Swimming
- Volunteering
- Photography
- Teaching

NONRELATED REFEREES

DR.(MS) GANEGODA G.U.
Senior Lecturer
Department of Interdisciplinary Studies
Faculty of Information Technology
University of Moratuwa
Tel: (+94) 11 264 0051
Email: upekshag@uom.lk

Mr. Chameera Dulanga
Associate Technical Lead @ 99x
AWS Community Builder
Visiting Lecturer
Tel: (+94) 77 410 2800
Email: chameeraD@99x.io

PROJECTS (Cont.)

➤ **Sri Lanka University Games - MoraSpirit (2023/2024)**
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 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

ACHIEVEMENTS

- **Openhack 2.0 - 3rd Place**
- **RealHack 4.0 - Top 15**
- **Hacktoberfest - 20222 and 2023 - Swag Winner**

EXTRACURRICULAR

- **Technical Writer - Medium (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)

- **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)
  - IEEEXtreme 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