



## About Me

I am a third-year undergraduate at the University of Moratuwa, Faculty of Information Technology, passionate about full-stack development. I enjoy working collaboratively in teams and am eager to learn and apply new technologies to build impactful software solutions.



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[MadeeshaSK](#)



[my\\_portfolio\\_website](#)



## Skills

- Programming Languages  
Java, C, Python, JavaScript, TypeScript, Dart
- Web Development  
HTML, CSS, React.js, Next.js, Chakra UI, Tailwind CSS, Node.js, Spring Boot, Spring Security, Microservices
- Mobile Development  
Flutter
- Databases  
MySQL, MongoDB, SQLite, Redis

# MADEESHA KARUNARATHNA

Software Engineer Intern



## Education

(2023 - Present)

**UNIVERSITY OF MORATUWA, SL.**

BSc (Hons) in Information Technology(UG)  
CGPA 3.42

(2019 -2022)

**DHARMARAJA COLLEGE KANDY, SL.**

A/L (2021) in Physical Science Scheme  
ABB z = 1.6627

2018

O/L 8A 1B



## Projects

### (2024/2025) - POINTEEDGE - POS WEBSITE

This project is a Point of Sale (POS) website for a supermarket. My responsibilities include implementing discount and loyalty management features to enhance customer engagement and streamline promotional offers.

- Second-year software development group project in collaboration with Taycantech Company.
- Technologies - **React.js, Chakra UI, Spring Boot, MySQL**

### (2025) - MSGLYAPI – SAAS PLATFORM

This SaaS platform offers SMS, email, and OTP verification services accessible via API keys or through an intuitive web interface. Users get a dashboard to manage their usage and view analytics, while admins have a full control panel to oversee platform operations with role-based access.

- Individual project created to meet personal and others' needs.
- Technologies - **Node.js, Firebase, Python, Termux, Next.js, Tailwind CSS, Docker, Redis, DigitalOcean, Vercel**

- Cloud  
AWS, Firebase, Vercel
- Tools  
Git, Github, GitLab, Figma, ClickUp, Canva, Postman, IoT (Arduino, ESP32)
- Other Skills  
CI/CD Pipelines (GitLab, Jenkins, Docker), OOP, DSA, Networking & VPC, Cloud Security and DevOps with AWS
- Languages  
Sinhala (Native), English
- Non-technical Skills  
Teamwork, Quick learner, Problem solving, Time management
- Interests  
Cyber Security, Networking, AI, Multimedia editing, Music, Movies, Travelling, Hiking



## Extra curricular activities

- Member, Mora Hiking Club
- Member, Nature Team
- Member, Leo club



## References

Mr. MDN Chandrasiri  
Lecturer  
Faculty of Information  
Technology.  
University of Moratuwa

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## (2025) - SECOND CHANCE - MOBILE APPLICATION(ONGOING)

This is a mobile application for posting lost and found items and creating community posts with chat features. It includes an admin app to manage posts, users, and reports efficiently.

- Individual project created to meet personal and others' needs.
- Technologies - **Flutter, Flutter BloC, Node.js, Firebase**

## (2024) - BUDGETLOG - DESKTOP APPLICATION

This is a personal budget management desktop app with authentication, an embedded database, logging, and tracking of earnings and spending. It also lets users customize templates.

- Individual project created to meet personal and others' needs.
- Technologies - **Java Swing, SQLite**

## (2023/2024) - GREEN CARE ASSIST - HARDWARE PROJECT

Condition Controlled Ornamental Plant Box – A microcontroller project that monitors and controls temperature and humidity to create ideal conditions for ornamental plants. My role is to manage the temperature and humidity control system.

- First-year microcontroller-based hardware group project.
- Technologies - **C++ , Arduino, ESP32**

## (2025) - PERSONAL PORTFOLIO WEBSITE (ONGOING)

A fully responsive and modern personal portfolio website showcasing my projects and skills. Features include smooth navigation, project galleries, and a contact form.

- Technologies - **Next.js, Tailwind CSS, Vercel**



## Cetificates

- Cloud Mastery with AWS
- Mastering CI/CD Pipelines
- Introduction to Cybersecurity
- AlgoXplore 1.0-participation
- MoraXtream 9.0-participation
- Coderush-2024-participation

Details of all projects and certificates can be viewed on my LinkedIn profile and portfolio website.