

# MOHAMED AADHIL

## Software Engineering Intern

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## PROFILE

*A motivated IT undergraduate passionate about building impactful software solutions. Adept at leading technical projects, adapting to new technologies, and solving complex problems with innovative approaches. I am looking for a software engineering internship to apply and refine my skills.*

## PROJECTS

### Arctic Management System

Team Leader / 🔄

- Designed a CMS web application to manage job activities and streamline customer support services.
- Implemented intuitive user interfaces for real-time data access and issue tracking, improving team efficiency.

Technologies: React JS, MongoDB, Spring boot, Material UI, Figma

### Hotel Room Booking (Ongoing)

Individual / 🔄

- Engineered a public-facing web application for seamless online hotel room bookings using REST APIs.
- Enhanced user experience with advanced features like booking history, real-time availability updates, and secure payments.

Technologies: React JS, MongoDB, Tailwind css, MUI, Spring boot

### Smart Laundry System (Ongoing)

Individual / 🔄

- Created a mobile application that simplifies laundry services with real-time tracking, automated scheduling, and payment integration.
- Optimized operational efficiency and customer convenience, addressing common industry challenges.

Technologies: React Native, Spring boot, MySQL, AWS

## Portfolio



- Developed a responsive web application to showcase my skills and projects in a way that provides a comprehensive view of my expertise and experience

## EDUCATION

B.Sc (Hons) in Information Technology & Management

University Of Moratuwa (2022 - 2026)

CGPA: 3.3 (Upto L2S2)

G.C.E Advanced Level

Physical Science Stream

Baduriya National School (2020)

Chemistry: A | Mathematics: B | Physics: C

## TECHNICAL SKILLS

### Programming Languages

Java C PHP

### Web Development

HTML CSS JS Tailwind css  
React Spring boot Boot strap

### Database

My SQL MS SQL Mongo DB

### Project Management Tools

ASANA

### Operating System

Linux Windows

### Devops

AWS Postman

### IDE

IntelliJx Code Blocks CLion  
VS Code Net Beans

Technologies: React JS, Material UI, Spring boot

## Hardware Project Adjustable P10 LED Display Controller

- Designed and implemented an ESP32 microcontroller-based controller for P10 LED displays.
- Enabled seamless text display through Wi-Fi, Ethernet, or SD card integration, enhancing versatility and usability.
- Developed features to adjust characters, fonts, text speed, and LED panel configurations using a keypad, ensuring flexible and user-friendly customization.

Technologies: C language, Atmel Studio, Proteus Simulation, Blender, EasyEDA

## ACHIEVEMENTS & PARTICIPATIONS

- MoraXtreme 7.0 & 8.0 - Participant

## ROLES & RESPONSIBILITIES

- Member of UGSM (Undergraduate Society Mawanella)
- IEEE University of Moratuwa
  - Student Branch Member
  - Editorial Team Member - MoraForesight 1.0 and NFB
  - Editorial Team Member - IAS Chapter (2023 - 2024)
- Member of Leo Club
- Member of Rotract Club
- FIT Future Careers 2024
  - Editorial Team Member
- Member of FIT Future Careers 2023

## LANGUAGES

English

Tamil (Native)

Sinhala

- Version Control

GIT

- Other

Blender

Canva

Figma

Gimp

Lucid Chart

Draw IO

## SOFT SKILLS

Leadership

Creativity

Communication

Adaptability

Critical Thinking

Team work

## INTEREST

- Programming Languages
- Software Development
- Web Development
- UI/UX Design
- Version Control

## HOBBIES

- Volunteering
- Community Service
- Traveling
- Games
  - Foot ball
  - Cricket
  - Carrom
  - Pool

## REFEREES

C.L.M.Paranamana  
B.Sc.(Hons) in IT

Software Engineering,  
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