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.

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

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

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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

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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

TECHNICAL SKILLS

- **Programming Languages**

  Java | C | PHP

- **Web Development**

  HTML | CSS | JS | Tailwind css | React | Spring boot | Boot strap

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- **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
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Software Engineering,
ISA

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