MOHAMED AADHIL

Software Engineering Intern

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PROFILE

A motivated IT undergraduate passionate about developing impactful software solutions. Proficient in leading technical projects, quickly learning and adapting to new technologies, and solving complex problems with creative and practical solutions approaches. Known for strong problem-solving abilities, analytical skills, and a collaborative mindset, I thrive in fast-paced environments to deliver exceptional results. I am looking for a software engineering internship opportunity to apply and further enhance my skills.

PROJECTS

Arctic Management System
Team Leader / 🔘

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

Technologies: ReactJS, MongoDB, Spring Boot, Material UI, Figma

Hotel Room Booking (Ongoing)
Individual / 🔘

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

Technologies: ReactJS, MongoDB, Tailwind CSS, Material UI, Spring Boot

Smart Laundry System (Ongoing)
Individual / 🔘

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

Technologies: React Native, Spring Boot, MySQL, AWS

EDUCATION

B.Sc (Hons) in Information Technology & Management
University Of Moratuwa (2022 - 2026)

CGPA: 3.3 (Up to L2S2)

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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   Bootstrap

- **Database**

  My SQL   MS SQL   Mongo DB

- **Project Management Tools**

  ASANA

- **Operating System**

  Linux   Windows

- **DevOps**

  AWS   Postman

- **IDEs**

  IntelliJ   Code Blocks   CLion   VS Code   Net Beans

Portfolio

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

Technologies: ReactJS, 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, and SD card integration, enhancing versatility and usability.
- Developed features to adjust text formatting (e.g., characters, fonts, and 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**
  - Team Member 2023
  - Editorial Team Member 2024

LANGUAGES

English

Tamil (Native)

Sinhala

- **Version Control**

GIT

- **Other Tools**

Blender Canva Figma Gimp
Lucid Chart Draw IO

SOFT SKILLS

Leadership

Creativity

Communication

Adaptability

Critical Thinking

Team work

INTEREST

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

HOBBIES

- **Volunteering**
- **Community Service**
- **Traveling**
- **Games**
  - Football
  - Cricket
  - Carrom
  - Pool

REFEREES

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

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