MOHAMED UMAIR

IT UNDERGRADUATE

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TECHNICAL SKILLS

Programming Language

- Java
- C
- Javascript

Web Development

- HTML
- CSS
- PHP

Frameworks

- React.js
- SpringBoot
- Node.js
- Express.js

Database

- MySQL
- MSSQL
- MongoDB

ABOUT

I am a highly motivated, responsible, dedicated IT undergraduate actively seeking a software engineering internship to pursue my passion for Information Technology. I am eager to learn new technologies and ready to excel in this role while contributing to a dynamic team.

EDUCATION

University Of Moratuwa *2021 - Present*
Bachelor of Science (Hons.) in information Technology

NIBM *2020*
Certificate in Computer Science | C196024

Aquinas College *2021 - 2022*
Diploma in English Lang & Lit

Al-Azhar Central College *2016 - 2018*
G.C.E Advanced Level | 2B's & C | Z-Score -1.65

Babussalam Maha Vidyalaya *2004 - 2016*
G.C.E Ordinary Level | 3A's 4B's 2C's

PROJECTS

CEM System(Web Application) *2022 - 2023*
University of Moratuwa | Academic | Level 2 | Software Project|

Companies are adopting CEM systems to address customer-related challenges and human-related problems. These systems combine CRM and HRM functionalities to improve sales, customer relationships, and internal HR functions.

Contribution: Leader| User Authentication and Authorization Employee and Department Handling

Technologies: React.js |Spring Boot| JWT Token | Postman

SayHi (Real time Chat Application)

Non Academic Project

The project enables users to experience real-time communication, featuring a chat room for broadcasting messages to all users and the capability to exchange private messages with individuals.

Technologies: React.js |Spring Boot| WebSocket

Version Control

- Git

Design and Other

- Figma
- Postman
- Canva
- Photoshop

IDE or Editor

- IntelliJ Idea
- VS Code

SOFT SKILLS

- Time Management
- Team Working
- Leadership
- Communication
- Adaptability
- Multitasking

LANGUAGES

- **Tamil –** Native
- **English –** Professional working proficiency
- **Sinhala –** Professional working proficiency

REFERENCE

Dr. A.L.A.R.R. Thanuja
(B.Sc. (Sri Lanka), Ph.D.(USA)),
Senior Lecturer
Department of
Computational Mathematics
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User Managment service (Web App)

Developed a robust User Management Service using Spring Boot, focusing on role-based authentication and authorization with Spring Security and JWT. The system supports three distinct user roles, ensuring secure access control. Additionally, integrated Spring Boot's Java Mailer to facilitate secure email communication for account-related activities.

Technologies: Springboot | Spring Security | My Sql | JWT

Supermarket Management System

Implemented a feature-rich Supermarket Management System with Spring Boot, featuring customer registration, seamless item purchasing, inventory management, order processing, and real-time tracking. Achieved enhanced functionalities within a user-friendly interface.

E-Mart (Web Application)   *Ongoing*

Non Academic Project
Designed and developed an online marketplace platform for seamless buying and selling of products or services. The application prioritizes user-friendliness, providing customers with a convenient shopping experience, while empowering sellers to effectively showcase and sell their offerings.

Technologies: React js |Node js | Express js | MongoDB

Automated Cake Slicing Machine *2021 - 2022*

University of Moratuwa | Academic | Level 01 | Hardware Project

A hardware project utilizing an Atmega32 Microcontroller to create an autonomous cake-slicing machine. Users can slice cakes based on entered weight, ensuring precise and consistent portions.
Contribution: Load cell and LCD configuration

CERTIFICATIONS

- Web Designing for Beginners | Open Learning Platform | University Of Moratuwa (2023)

- Front-End Web Development | Open Learning Platform | University Of Moratuwa (2023)

EXPERIENCE

- Incoming Global Volunteer of Aiesec (2022)
- Panel Co-Ordinator of Career fair Rotaract Mora (2023)
- ICT and Maths Tutor (2019 - Present)