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## TECHNICAL SKILLS

### Programming Languages

- C
- Java

### Web Development

- HTML
- CSS
- JavaScript
- ReactJS
- Spring boot
- Bootstrap

### Mobile App Development

- Flutter

### Databases

- MySQL
- MSSQL

# AMAL SHALINDA

## SOFTWARE ENGINEER INTERN

### ABOUT ME

I am a responsible, self-motivated IT undergraduate with solid leadership qualities and a strong team spirit. With a passion for taking on new challenges through logical and creative thinking, I am seeking an internship opportunity as a software engineer to apply my skills, adapt to new technologies, and make valuable contributions to the IT industry.

### EDUCATION



#### University of Moratuwa

BSc. (Hons) in Information Technology  
(Reading-Expected in 2025)

#### Current GPA - 3.43 (Up to Level 02 Semester 01)

- Level 01: Semester 01 (GPA) - 3.54
- Level 01: Semester 02 (GPA) - 3.56



#### Richmond College

G.C.E Advanced Level Examination - 2019  
Physical Science

- **A B B | Z-score: 1.52**



#### Neluwa National School

G.C.E Ordinary Level Examination - 2015

- **9A's**

### PROJECTS

#### Food Bank

##### Web & Mobile Application

The Food Bank collects and manages monetary contributions and food donations, distributing them to individuals facing food crises. Through web and mobile applications, this system streamlines the collection process and ensures donations reach those in need. It plays a vital role in addressing hunger and providing support to vulnerable communities.

Role: UI UX designer, frontend developer, backend developer

Technologies: React, Bootstrap, Flutter, Java Spring boot and MySQL

#### Inventory Management System

This is the inventory management system which created for management accounting module

Technologies : MySQL, JS, PHP, CSS, HTML

## Project Management Tools

- Jira

## Version Control System

- Git

## Ides

- IntelliJ IDEA
- Code Blocks
- CLion IDE
- NetBeans
- Atmel Studio

## Other

- Blender
- Postman
- Proteus
- CISCO Packet Tracer
- Figma
- GIMP
- Visual Studio Code

## LANGUAGES

- Sinhala (Native)
- English
- French

## INTERESTS AND HOBBIES

- Teaching
- Volunteering
- Music
- Reading books
- Carrom
- Cricket

## OTHER SKILLS

- Leadership Skills
- Team working
- Communication skills
- Presentation Skills
- Creativity
- Fast Learning
- 3D Modeling/Animation

## PROJECTS CONT'D

### Automatic Pipe Cutting Machine

Developed a cutting-edge device for automating the pipe cutting process, suitable for use with various pipe materials. The microcontroller of choice was Atmega32, while stepper motors, ultrasonic sensors, and IR sensors were utilized in the device's construction. This innovative technology streamlines pipe cutting operations and enhances precision, providing efficient solutions across different applications.

Technologies: C language, Atmel Studio, Proteus Simulation

## ROLES & RESPONSIBILITIES

### Mathematics Society University of Moratuwa

- MTutor project (2023)
- Mathlete project

### LEO Club University of Moratuwa

- Project "Shilpasara"
- Project "Diriya Arunella"

### Richmond College

- Member Science Society

### Neluwa National School

- Member Science Society
- Prefect

## ACHIEVEMENTS AND PARTICIPATIONS

- Mora UXplore 1.0 UI/UX Competition (2023)
- MoraXtreme 7.0 (2022)
  - The sequel of the annual hackathon series
- IDEALIZE (2023) (ongoing)
  - Mobile APP and Web development competition
- CodeRally 4.0 - Global Generative AI Hackathon (ongoing)
- Participated for Maths-Olympiyard from 2013-2015

## REFEREES

**Dr. A.L.A.R.R. Thanuja (B.Sc. (Sri Lanka), Ph.D.(USA)),**  
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