



# M.R SHIMAR AHAMED

## Software Engineer Undergraduate

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[Shimar's Portfolio](#)

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Mount Lavinia, Sri Lanka

## About Me

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As a second-year Software Engineering student with a passion for full-stack development, I am seeking an internship to gain hands-on experience in building dynamic and responsive web applications. I am enthusiastic about applying my knowledge in both front-end and back-end technologies, including HTML, CSS, JavaScript, React, Java, Node.js, and the MERN stack, to real-world projects. My goal is to enhance user experiences, optimize system performance, and contribute to innovative solutions.

## PROJECTS

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[AI Quiz Generator -MERN](#) / *MongoDB, Express, React.js, Node.js, Axios, NLP* 2024

- The AI Quiz Generator is being developed using Python, AI, and machine learning technologies to generate dynamic quiz questions, showcasing skill development and innovative AI applications in education.

[Westminster Shopping System](#) / *Java, OOP* 2023-2024

- A shopping system which developed using Java, Swing and OOP concepts.

[A Theater Management System](#) / *Java* 2023

- A program to manage the ticketing process of theater using CRUD operations.

**Exploring the Mysteries of the Universe (Group)** / *HTML, CSS, JavaScript* 2023

- A website including a quiz, feedback form, shopping cart and sitemap.

[Progression Outcome Predictor \(Console\)](#) / *Python* 2022

- Designed and implemented a Python application to accurately predict students' academic progression outcomes.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, Node.js, HTML/CSS, PHP

**Frameworks:** React, Express.js

**Databases:** MongoDB, SQL

**Developer Tools:** Git, VS Code, PyCharm, IntelliJ, XAMPP, Draw.io

## EDUCATION

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**Information Institute of Technology (IIT), affiliated with the University of Westminster**  
***BEng (Hons) in Software Engineering***  
Colombo, Sri Lanka  
2022- Present

### 2nd Year Modules

- Object Oriented Programming
- Database Systems
- Software Development Group Project
- Server-side Web Development
- Data Structure & Algorithm
- Software Engineering Principles

### 1<sup>st</sup> Year Modules

- Software Development I -Python
- Software Development II -Java
- Trends In Computer Science
- Computer System Fundamentals
- Mathematics for Computing
- Web Design and Development

### **ESoft METRO CAMPUS.**

*Diploma in IT (INTERNATIONAL)*

Matara, Sri Lanka  
2019

### **M/R Arafa Central College. (National School)**

*G.C. E Ordinary Level-(1A, 4B, 4C)*

*G.C. E Advanced Level(E-Tech) – (1B, 2C)*

Weligama, Sri Lanka  
2018

## CERTIFICATION

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Python for Beginners -University of Moratuwa

2024

## Extra-Curricular Activities.

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**Attended a Course of Instruction in Preliminary First Aid and Passed the Proficiency Examination held by The St. Jhon Ambulance Association**  
2016

- NATIONAL ST. JHON ASSOCIATION OF SRI LANKA.

**Defender, School Football Team.**

2016-2021

## References

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Mr. Guhanathan Poravi.  
Senior Lecturer – Grade 1  
Informatics Institute of Technology.  
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