EDUCATION

● **MSC COMPUTER SCIENCE (READING)**
University of Colombo School of Computing

● **BSC IN INFORMATION SYSTEMS**
University of Colombo School of Computing

TECHNICAL SKILLS

Frameworks & Libraries
Angular | Springboot | React.js | Node.js | Express.js | React Native | Bootstrap | .NET

Programming Languages
JavaScript | C# | Java | PHP | C | Python

Database & Other Technologies
MySQL | Azure | MongoDB | Power BI

SOFT SKILLS

● Communication (Language)
  ○ English - Fluent
  ○ Tamil - Native
  ○ Sinhala - Intermediate
● Leadership & Team Work
● Fast Learner & Problem Solving Skills

CERTIFICATIONS/ OTHER ACTIVITIES

● Modern JavaScript for React.js - ES6 (Udemy)
● Postman Student Expert Badge (Postman)
● Programming Foundations: Software Testing/QA (LinkedIn)
● Software Testing (Great Learning)
● Member - Leo Club of Colombo Circle, Scrabble Team (UOC), CompSoc Society (UOC), ACM Student Chapter (UCSC), Tamil Society (UOC)

FIND ME ON

in Madhusha Mathivannan
○ Madhu-26
Be Madhusha Mathivannan

MADHUSHA MATHIVANNAN
Software Engineer

📞 +94 769131669   📍 47th Lane, Colombo - 06, Sri Lanka
✉ madhushadavidmathivannan@gmail.com

PROFILE

Highly motivated and dedicated Computer Science professional with a reading Master's degree and strong experience in software development. Committed to leveraging technology to drive innovation and solve complex problems. Skilled at building and troubleshooting codes with the willingness to work in both office and remote environments.

WORK EXPERIENCE

Software Engineer
Hatton National Bank, Colombo   Oct 2023 – Present
● Implementing the pawning system using Angular and Spring Boot, concurrently working with Finacle core banking through Finacle scripting language.
  ○ **Angular, Springboot, Postman, Oracle SQL Developer, Finacle**

Temporary Instructor
University of Colombo School of Computing   Nov 2022 – Sep 2023

Software Engineer - Intern
Virtusa Corporation, Colombo   Oct 2021 – Oct 2022

● Developed a cutting-edge Employee Management Portal by Angular for the Front-End, ASP.NET (WebAPI) with Entity Framework for the Back-End, and implemented NUnit testing to ensure exceptional quality and functionality.
● Conducted API testing, executed test cases, managed test data, and contribute to the overall quality of the project using Postman.
  ○ **Angular, ASP.NET (WebAPI), NUnit Testing, Postman, PowerBI, MSSQL Server**

PROJECT EXPERIENCE

Pettah Pharma | 3rd-year project at UCSC | 2021
Technology: **React.js, Node.js, Express.js, React Native, MySQL, Jira, Postman**

Scope: Marketing Monitoring System for Pettah Pharmacy Private Limited (Mobile & Web App), aimed at efficiently tracking and monitoring medical reps.

Individual Contribution: I implemented essential features such as login functionality, admin profile management, user management (including automated email login credentials), product management (with image uploading capabilities), report generation (with advanced search options and PDF printing), and an admin dashboard with an overall view of statistics, including comprehensive charts.

Affiliox | 2nd-year project at UCSC | 2020
Technology: **HTML, CSS, PHP, JavaScript, MySQL, MVC Architecture, Trello**

Scope: E-commerce website with an Affiliate Marketing program, connecting buyers, sellers, and promoters.

Individual Contribution: I implemented the login and registration functionalities, admin dashboard to monitor user counts, clicks, and overall statistics, and user management (including banning and unbanning accounts).

Library management System | 2020
Technology: **Java, Net Beans, MySQL**

Scope: School Library Management System.

Individual Contribution: I implemented student login and registration, book searching and browsing capabilities, the ability to request and reserve books.

Yo Yo | 2019
Technology: **HTML, CSS, PHP, JavaScript, MySQL**

Scope: Online Sales & Marketing System.