Induwara Mapalagama

Software Engineer Graduate / Master's Student in Cyber Engineering

PERSONAL PROFILE

Passionate and Eloquent Graduate in Software Engineering with a driving enthusiasm for coding, coupled with the smart and hard work that characterizes my young blood. Certain skills of mine, such as communication and handling people, have made significant contributions to the extracurricular activities I've participated in. As a young graduate eager to explore the world, I have always sought out new and fascinating challenges throughout my life. I am confident that I will continue to seek and create fascination in this ever-changing world as I pursue my Masters in Cyber Engineering.

PERSONAL DETAILS

118, Plymouth Dr,
Iselin, NJ 08830

rmapalagama@gmail.com

(848) 338 9275

Male

20th of March, 2000 (23 Years Old)

Royal College, Colombo 07
University Of Westminster, UK
University Of the Cumberlands, USA

TECHNICAL SKILLS

Java/ JavaFX / C#
Angular
React / React Native
MYSQL / MongoDB
NodeJS
AWS Cloud Services
Python
JavaScript / TypeScript
Azure Devops
HTML5 / CSS
Bootstrap
WordPress
Swift/SwiftUI
Linux Tools

ACADEMIC PROFILE

Masters in Cyber Engineering
University of the Cumberlands (KY, USA)
Jan 2024 - August 2025
First Year Student

BEng. (Hons) Software Engineering - First Class
Informatics Institute of Technology (University of Westminster, UK)
Jan 2020 - 2023
First Class Honours

1st year Modules and Marks

- Programming Principles I — 83% (A)
- Programming Principles II — 81% (A)
- Computer Science Practice — 84% (A)
- Mathematics for Computing — 89% (A)
- Web Design and Development — 87% (A)
- Computer Systems Fundamentals — 80% (A)

2nd year Modules and Marks

- Database Systems — 77% (A)
- Client - Server Architecture — 63% (C)
- Object - Oriented Programming — 80% (A)
- Mobile Application Development — 86% (A)
- Software Development Group Project — 70% (B)
- Algorithms : Theory, Design & implementation — 60% (C)

Final Year Modules and Marks

- Concurrent Programming — 83% (A)
- Mobile Native (IOS Development) — 80% (A)
- Final Year Project — 70% (B)
- Cyber Security — 60% (C)
- Formal Methods — 62% (C)

Diploma in English
ESOFT Metro Campus (2017 - 2018)

Diploma in IT
ESOFT Metro Campus (2017 - 2018)

G.C.E Advanced Levels
Pass
Royal College, Colombo 07. (2019)

- English - A
- Physics - C
- Chemistry - C

G.C.E Ordinary Levels
Pass
Royal College, Colombo 07. (2016)

- Sinhala — A
- English — A
- Mathematics — A
- Health — A
- Dancing — A
- History — A
- Religion — A
- Commerce — A
- Science — B

WORK EXPERIENCE (3 YEARS)

Software Engineering Intern - WSO2,Sri Lanka (July 2021- June 2022)
- Worked under IAM team of WSO2 as a full stack software engineer for a year.
- Developing Try It Playground Application (React/ React Suite /Typescript, MongoDB, REST API)
- Documentation of the Application and Deploying to AWS Cloud Services.
- Worked in an Agile Environment.
- E2E testing and QA testing for the Application.
- Maintaining the repositories and hosting the application.

Software Engineer / WordPress Web Designer - Envoy Media, Australia (June 2022- August 2023)
- Developed Applications for various projects (React , SQL, MongoDB, Python, Angular, Azure Devops. HTML5/CSS/ Wordpress Plugins, CI/CD Pipelines)
- Work on all phases of SDLC and create/maintain required technical documentation.
- Working in a Fully remote Environment / Training Interns
- Experience with API life cycle management

Lecture - APIIT University, Sri Lanka (August 2023- December 2023)
- Conducting Lectures for the following Modules - Java, C#, Linux , Cloud Computing

PROJECT EXPERIENCE

TryIT Application - WS02
React, React Suite,AWS, MongoDB,TypeScript, Javascript,E2E Testing

Royal College Official Scouting Web Page
- Used,
  - HTML5
  - CSS

Twitter Sentiment Analysis Mobile Application
Software Development Group project - React Native Mobile Application developed using Python backend and Flask.

- Using,
  - React - Native
  - Kera's
  - Python
  - Pandas
  - NodeJS
  - Twitter API
  - Flask

Cyberbullying Detection System using Hybrid Algorithms for Singlish
Final Year Project which was developed throughout a time period of 1 year

- Using,
  - React
  - HTML5/ Bootstrap
  - SkitLearn
  - SVM Algorithm
  - Naive Bayes Algorithm
  - NodeJS
  - Flask / AWS /Python

Premier League Manager
- Using Java
  - Java
  - Angular
  - Play Framework
  - OOP Concepts
  - MVC Framework

Gym Management System - Desktop Application
- Using,
  - JavaFX
  - Java
  - OOP Concepts

CLUBS/SOCIETIES/EXTRA-CURRICULAR ACTIVITIES

Rotaract Club of IIT (Sri Lanka)

President - 2021/22
Most Outstanding President -2021/22 (Rotaract District 3220 Sri Lanka & Maldives)
Won 28 Awards including Most Outstanding club under the presidency
Professional Development Director - 2020/21
Member - 2019/2020
Chairperson of Project "WeVolve 20"
Project IN charge of,

- Trailblazers
- Do It Right
- S.O.S
- Forage
- Locked Learn
- Fierce

Social Services League

Royal College, LK

Member - 2015 - 2019
Participated for more than 100+ projects

Fencing Team

Royal College, LK

All Island Sabre Champion - 2015
All Island Team Championship - 2015 & 2016

42nd Colombo Scout Group

Royal College, LK

Patrol Leader - 2013
Leader In Charge - 2019
Senior Troop Leader - 2017
Junior Troop Leader - 2015

- Highest Achievement of a Scout - **President Award**
- Most Outstanding Scout of the Year - 2014 & 2015
- Participated in more than 60+ Camps
- Organized more than 10+ Camps

Mr. Guhanathan Poravi - 0768209744
Senior Lecturer - Informatics Institute of Technology (IIT) - guhanathan.p@iit.ac.lk

Mr. Havindra Gunawardena - 0761490865
Lecturer/Module Lead - Informatics Institute of Technology (IIT)
Corporate Trainer and Motivational Speaker - HG Consultancy