



Nimeth Fernando

Software Engineering Undergraduate

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🌐 <https://github.com/nimeth42>
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🌐 <https://nimeth42.github.io/Personal-Portfolio-Website/>



I am a young software engineering undergraduate with a strong passion for technology. I am committed to continuous learning and growth, always seeking out new technologies and approaches to stay ahead of the curve. With my team-oriented mindset and positive attitude, I am confident that I can bring fresh perspectives and creative solutions to any organisation.

Education

BEng.(Hons) Software Engineering

University of Westminster *London, United Kingdom*
2022 - Reading

First Year Results (Average 81.3%)

- Mathematics for Computing - 92%
- Software Development I - 90%
- Trends in Computer Science - 70%
- Software Development II - 83%
- Computer System Fundamentals - 78%
- Web Design Development - 75%

Second Year Results

- Object-oriented programming - 80%
- Database Systems - 92%
- Software Engineering Principles and Practice - 58%
- Algorithms - pending
- Server-Side Web Development - pending
- Software Development Group Project - pending

GCE A/L Examination & GCE O/L

S.Thomas' College *Mount Lavinia, Sri Lanka*
2007 - 2021

- A/L (Commerce)
- O/L

Extra Curricular Activity

Commerce Society (2020 - 2021)

Project Co-ordinator

S. Thomas' College Mount Lavinia

- Duende Project
- Eclipse Project
- Devos Project (Commerce Day)

Automobile Club (2019-2021)

Committee Member

S. Thomas' College Mount Lavinia

- Motor Show 2019

Wildlife Society (2016-2021)

S. Thomas' College Mount Lavinia

Committee Member

- Tree Naming Project

Hockey (2010 - 2014)

S. Thomas' College Mount Lavinia

- Under 9 team
- Under 12 team

Swimming (2013-2015)

S. Thomas' College Mount Lavinia

- Squad

Professional Qualifications

- Completed the Gateway School of Computing course
Pearson Assured
- Completed the Student Tutor Program
Gateway School of Computing Assured
- Fully Completed the Preparatory course for
higher education
LNBTI Assured
- Learn cloud computing with AWS
DevTown Assured
- Backend Web Development
DevTown Assured
- Web Design for Beginners
University of Moratuwa Assured
- Python for Beginners
University of Moratuwa Assured

Hackathons

- Aquathon Hackathon
Aquathon powered by codegen Assured

Projects

DriveLanka

A mobile application to keep track of vehicle expenses and vehicle errors (SDGP group project).

- This mobile application helps keep track of all vehicle expenses. It is powered by an image recognition model to identify dashboard signs and errors. It suggests generic fixes/inspections that can be done according to the error. The backend is hosted on an AWS VM, and a CI/CD pipeline is integrated.

Technology Stack: React-native, MongoDB, Machine Learning, TensorFlow, AWS, CI/CD

Shopping-Manager

A program for product management with a shopping cart (2nd year project).

- A Java program with a frontend which has the capability to input products by an admin. From a customer account, products can be purchased via a shopping cart.

Technology Stack: Java, Java Swing

Cricket World

A website for cricket fans to learn about Cricket history, best players and trophies (2nd semester project).

- Led the team, designed and developed a HTML-based website.

Technology Stack: HTML, CSS, JavaScript

Theater Booking System

A program to buy tickets for a movie theatre (2nd semester project).

- A Java program for a movie theatre that lets customers book a seat and purchase a ticket for a movie.

Technology Stack: Java

University Progression Outcome Predictor

A program to predict progression outcomes at the end of each academic year (1st semester project).

- A Python program to predict the progression outcomes using the student marks that a lecturer inputs.

Technology Stack: Python

Personal Portfolio Website

A personal website to showcase my skills and abilities.

- This portfolio website showcases my projects, personal information, and highlights the potential I have to learn and grow in the industry. This is hosted on GitHub.

Technology Stack: HTML, CSS, JavaScript

Technical Skills

Programming Languages

- Java
- Python
- JavaScript
- CSS
- HTML
- PHP

Databases

- SQL
- MongoDB

Others

- GitHub
- AWS
- Google Colab
- TensorFlow

Non-Technical Skills

- Team work
- Leadership
- Creativity
- Problem-solving
- Photography

Referees

Rajitha Warusavitarana
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