



NIMETH FERNANDO

SOFTWARE ENGINEERING UNDERGRADUATE

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PERSONAL STATEMENT

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 2022– Reading

Informatics Institute of Technology, Sri Lanka, affiliated with the University of Westminster, UK

First Year Results (Average : 81.3%)

Computer Systems Fundamentals – 78%

Software Development I – 90%

Mathematics for Computing – 92%

Software Development II – 83%

Trends in Computer Science – 70%

Web Design and Development – 75%

Second Year Results(Average: pending)

Database Systems – 92%

Object Oriented Programming – 80%

Software Engineering Principles and Practice – 58%

Software Development Group Project – 66%

Algorithms – pending

Server-Side Web Development – pending

GCE A/L Examination & GCE O/L

S.Thomas' College

2007 – 2021

- A/L (Commerce)
- O/L

PROJECTS

DriveLanka

A mobile application to keep track of vehicle expenses and vehicle errors.

- 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.

- 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, OOP, Java Swing

Theater Booking System

A program to buy tickets for a movie theatre

- 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.

- 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 and 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

Cricket World

A website for cricket fans to learn about Cricket history, best players and trophies.

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

Technology Stack: HTML, CSS, JavaScript

SKILLS

Java	CSS	Node js	GitHub	TensorFlow	Team Work
Python	HTML	SQL	AWS	PostMan	Creativity
JavaScript	PHP	MongoDB	Google Colab		Problem-solving

HACKATHONS

- Participated in Aquathon – a mini hackathon conducted by the IIT IEEE Branch.
 - Participated in Idealize 2023 – Ideathon hackathon conducted by AIESEC of UOM.
 - Participated in PYHACK 2.0 – Annual coding competition conducted by IEEE WIE affinity group of IIT.
 - Participated in CodeSprint 8 – Ideathon hackathon conducted by IEEE Student Branch
 - Participated in MoraVentures 6.0 – ideation hackathon Conducted by Entrepreneurship Society of UOM
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PROFESSIONAL QUALIFICATIONS

- Completed the Gaeway School of Computing course (Pearson Assured)
 - Completed the Student Tutor (Gateway School of Computing 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)
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EXTRA CURRICULAR ACTIVITY

- Project Co-ordinator at Commerce Society S.thomas' College (2020–2021)
 - Under 9 and Under 12 Hokey player at S.Thomas' College (2010–2014)
 - Swimming Squad team at S.Thomas' College (2013 – 2015)
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REFEREES

Ms. Gayesha Fernando
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