



NIMETH FERNANDO

SOFTWARE ENGINEERING INTERN

[linkedin.com/in/nimeth-fernando](https://www.linkedin.com/in/nimeth-fernando)

nimeth42@gmail.com

github.com/nimethfernando

+94725452820

<https://nimethfernando.github.io/Personal-Portfolio-Website/>



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%)
- Second Year Results(Average: 65.6)

GCE A/L Examination & GCE O/L **S.Thomas' College – Mount Lavinia**

2007– 2021

- A/L (Commerce)
- O/L

EXPERIENCE

• **Intern Software Engineer**

2024 June – December

Orel IT (PVT) Ltd

- Research on AI Tools and Develop AI Use Cases for Areas for Untapped Market Sectors
- QA Assessments on I Help Mobile App
- Workshop on Figma and develop a full User Interaction for a Parking Easy App
- Developed a Flask-based web application to streamline the comparison of two Excel files
- created the user flow for an insurance app, incorporating AI integration suggestions to enhance user experience and functionality
- Created a frontend and API application for office workers by integrating the ChatGPT API key to enhance workplace efficiency.

• **Intern Software Engineer**

2024 December – Present

Blue Lotus 360 (PVT) Ltd

- Build a cutting-edge RAG chatbot using Azure AI Search to deliver intelligent, context-aware responses.
- Designed and implemented a chatbot agent using Copilot Studio, leveraging the MCP (Model-Content-Prompt) architecture to deliver accurate and context-aware responses to end users.

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

SKILLS

Java	CSS	Node js	GitHub	TensorFlow
Python	HTML	SQL	AWS	PostMan
JavaScript	PHP	MongoDB	Google Colab	

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 – Ideathon hackathon conducted by Entrepreneurship Society of UOM.

PROFESSIONAL QUALIFICATIONS

- Completed the Gateway School of Computing course (Pearson Assured)
- Completed the Student Tutor Program (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)

REFEREES

Ms. Gayesha Fernando
Unit Manager – BSS & Fintec Operations
Dialog Axiata PLC
Phone: +94773333797
Email: gayesha.fernando@dialog.lk

Nethmi Wijesinghe
Assistant Lecturer | Deputy Level Coordinator,
Informatics Institute of Technology
Phone: +94763214986
Email: nethmi.wi@iit.ac.lk