

# Faizan Muthaliff

## Computer Science Graduate At University of Westminster

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🔗 Faizan-Muthaliff-Portfolio



### Profile

I am a dynamic and results-oriented professional with excellent communication skills and flexible problem-solving abilities. I have maintained a good rapport with my seniors and co-workers, and I am competent at solving software-related issues effectively.

### Professional Experience

**Trainee Software Engineer, CodeGen International**

Jul 2022 – Jul 2023

- Provided enhancements and issue fixes for both front-end and back-end aspects of TravelBooker B2B and B2C platforms.
- Collaborated with the development team to identify areas for improvement and implement effective solutions, aligning enhancements with business requirements.
- Investigated reported issues, identified root causes, and successfully resolved complex bugs and anomalies within the website's codebase.
- Actively participated in daily scrum ceremonies and Sprint reviews, effectively communicating ongoing tasks and showcasing enhancements during the review process.
- Created documentation for setting up the TravelBooker application and for certain enhancement tasks.

#### Technologies employed at workplace

Angular Framework (TypeScript, Html, Css), Spring Boot, Maven, Nodejs, Wordpress, Postman, FileZilla, Tomcat, SQL Developer and SQL Scripts.

### Education

**BSc (Hons) Computer Science,**

2021 – 2024

University of Westminster (first class honors)

**Cambridge A Levels, Lyceum International School, Panadura**

2018 – 2020

**Cambridge O Levels, Lyceum International School, Panadura**

2016 – 2018

### Technical Skills

Angular ( HTML, CSS, TypeScript )

SpringBoot

React

SQL

Java

Python

JavaScript

Flask

NLTK

Pandas

Matplotlib

Pytorch

R

Jupyter Notebook

WordPress

Figma

Postman

LLM

NLP

## Projects

### **NLP Powered Travel Application, Solo Project**

Utilizes LLM and NLP techniques to recommend activities available in Sri Lanka, taking into account a user's prompt and identifying the location, date, participant count, and their special requests to provide an ideal activity recommendation. Additionally, the application provides contagious disease information and weather conditions depending on the input date and region.

### **Moosic - E-commerce website, Group Project**

Using HTML, JavaScript, and CSS, my group members and I crafted an aesthetically pleasing website that allows for users to browse through and select amongst a variety of musical products. Includes the cart feature with the pricing, a browsing page, a gallery, a mini game and reviews.

### **AI based Question Generation Model, Solo Project**

Utilizing the T5 Transformer model as the base, I finetuned a custom model using the SQuAD dataset to generate questions based on a given set of context provided by the user.

### **Kevlar - Password Manager, Group Project**


Using SHA-256 hashing, Base64 conversion, and AES-256 encryption, my group members and I developed a secure password management system

### **Wevolve Emotion detection and improvement application, Group Project**

Using machine learning principles and publicly available datasets my team and I created an application which can detect a users current emotional state store these values for later view in calendar form and provide generic feedback.

## Achievements

### **Paper Publication on IEEE**

Review Paper submission to IEEE and presentation at ICARC 2024 

### **Presented at Tech Expo**

Presented at Cutting Edge Tech Expo (2024)

### **Mercantile Athletic meet**

Represented CodeGen International and achieved 2 x Golds, 1 x Bronze (2022)

### **Talentzia Participant (BeatBoxing)**

Informatics Institute of Technology (2021)

### **Senior Prefect & Games Captain**

Lyceum International (2018/2019)

### **4x Athletic meet Champion**

Lyceum International (2016/2020)

## Soft Skills

Excellent communication skills | Team player | Leadership Abilities | Adaptability | Analytical problem-solving | Critical thinking | Time Management | Detail Oriented | Ability to Multitask

## References

**Seneli Amarasekara**, Program Manager, IFS R&D international Pvt Ltd  
seneli.kavindya@gmail.com, 0769115622

**Vinu Talagune**, Senior Software Engineer, Codegen International  
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**TG Deshan Koshala Sumanathilaka**, Visiting Lecturer,  
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