MEVAN SENANAYAKE

SOFTWARE ENGINEER

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> I am a Software Engineer and IoT Full-Stack Developer with experience in designing, coding, and testing complex systems. Coming with well honed skills in computer science in addition to excellent communication skills and possess strong ability to develop application using C, C++, and Java based tools.

Education

Bachelor of Science

University Of Bedfordshire(UK) | 2019 - 2022

- Bsc(Hons) Software Engineering And Computer Science
  GPA: 3.57
  Classification: First Class

SLIIT Academy(Subsidiary of SLIIT) | 2019 - 2021

- Higher National Diploma in Information Technology

G.C.E. Advanced Level

Dharamapala Vidyalaya Pannipitya,Colombo, Sri Lanka

- Mathematics Stream | 2018

G.C.E. Ordinary Level

Dharamapala Vidyalaya Pannipitya,Colombo, Sri Lanka

Languages

- Sinhala
- English

Experience

Associate Software Engineer

Adapt Information Technologies (Pvt) Ltd | Dec 2021 – Present

- Analyze user needs and design software solutions
- Code high-performance programs using different frameworks
- Scalable Internet of Things (IoT) solutions were researched, designed, and implemented.
- Used Django framework to create the backend of the web - based applications.
- Worked on REST API's and various IoT platforms.
- Worked on several Map APIs to create GPS-based applications for devices.

Skills

- Object-Oriented Design
- Java
- Android Studio
- Django Framework
- Html, css, js
- React
- IoT Development
- Rest Api
- Database Modelling
- Software Testing and Debugging

Academic Projects

In You - Meditation Application
Final Year Research | Jan 2021

- Commercial Android application which can motivate patient's mental health with clear understanding and discover mindfulness training, anxiety and stress reduction.
- Technology Used: Java , Json, Rest API, FireBase and Andoid Studio.

Feedback-system-for-Pharmacy-Order-Management-System
Final Year Project | Jan 2021

- Pharmacy order management system (POMS) that allows pharmaceutical products to consumers buy them according to their preferences through our system. The Company owners want to achieve their goals more efficiently by giving honest feedbacks regarding the product quality, packaging and other facilities provided.
- Technology Used:WorkBench, MySQl, Quick Chart.io and Eclipse IDE..

Extra -Curricular Skills

- Former Caption of Senior Basketball Team Dharamapala Vidyalaya Pannipitya | 2014 -2018
- Member of Senior Basketball Team SLIIT Malabe, Sri Lanka. | 2019 - 2022
- Caption of Old Palians Basketball Club | 2019 - Present

References

Dr Gayana Fernando
Senior Lecturer (Higher Grade)
SLIIT Academy (Subsidiary of SLIIT)
Colombo 03
Tel : 0117543600 / ex : 3611
Email : gayana.f@sliit.lk

Mr. Roshan Jayawardana
Assistant Lecturer [BSc(Hons),ACS (SL)]
SLIIT Academy (Subsidiary of SLIIT)
Colombo 03
Tel: 0716086393
Email : roshan.j@sliit.lk

Professional Projects

Vehicle Route Optimization
Team member | Jan 2022

- The Vehicle Route Optimization service allows you to adaptively optimize routes for multiple vehicles visiting a sequence of locations while maintaining real-world constraints in mind, such as limited vehicle capacity or delivery time windows.
- This project required me to work as a backend developer to create the API configurations and Map Setups.
- Technology Used: Html, CSS, JS, Python,Django, HERE maps.

Richardson Bus Tracker
Team member | Jan 2022

- In this project we track busses owned by Richardson and then display processed telematics inoformation relevent to each bus stop along the bus's route. This information will be displayed along with ads to provide an incentive to adopt this technology.
- This project required me to work in the backend as well as in the frontend.
- Technology Used: Html, CSS, JS, Nimbus API,Linux

Smart ATM Security using IoT
Team member | Jan 2022

- The goal of this project is to propose an architecture that enables the provisioning of several financial services via ATM terminals, thereby improving security in the event of unauthorized access using Internet of Things (IoT).
- This project required me to research and start development through getting knowledge about IoT.
- Technology Used: IoT, Python, Embedded programming

Asset Management Solution
Project Manager | Jan 2022

- IoT asset management refers to the tracking and management of individual network-connected assets via a sensor(s) that use deep packet inspection (DPI) to capture and report detailed asset information such as make, classification, location, operating system, serial number, application/port usage, and more.
- This project required me to research and start developing a full stack web application using the flespi IoT platform.
- Technology Used: Flespi Platform, Python, Django, IoT Devices, Flespi REST API