
VIRAJ DHANUSHKA

📍 Matara, Sri Lanka | ✉ smviraj@gmail.com | ☎ +9471 489 7508 | 🔗 LinkedIn | 🌐 Portfolio | 🐙 GitHub

An adaptable computer engineer with expertise in web and mobile application development, deployment related technologies. Enthusiastic about learning, teaching, and possess a strong interest in advancing expertise in DevOps.

PROFESSIONAL EXPERIENCE

National Institute of Business Management (NIBM - Sri Lanka) **07/23 - Present**
Visiting Lecturer (Part-time)

Teach Enterprise Application Development (Part-1) using Java programming language.

Enactor Limited **03/23 - 01/24**
Software Engineer (Full-time)

Collaborated with the Reduced Framework POS Team and the Enactor Tools Team at Enactor.

Reduced Framework POS :

- Executed automated tests (Cucumber framework) and fixed bugs to stabilize the trunk branch.
- Implemented a new REST service to enable device registration via serial number and populate initial configurations required for application launch, including tenders, users, user roles, currencies etc.

Enactor Tools :

- Designed user interface and implemented Enactor Tools Help section.
- Implemented a comprehensive test plan to be executed before each new Enactor Tools release.

Thinkhash (Pvt) Ltd **08/22 - 12/22**
Full-stack Developer (Contract)

- Developed a web application using React JS and Firebase

WSO2 Lanka (Pvt) Ltd **01/22 - 06/22**
Software Engineer Intern

Collaborated with the Security and Compliance Team at WSO2 to complete the Cloud Security Status Monitoring Tool project.

- Implemented all the initially planned features in the project within the specified timeline.
- Deploy the completed web application as a WSO2 Internal App

EDUCATION

University of Peradeniya, Sri Lanka **11/17 - 02/23**
BSc. Engineering Specialized in Computer Engineering | GPA: 3.2 / 4.0

- Microsoft Learn Student Ambassador (Beta) | 2021 - 2023
- IEEEExtreme Ambassador | 2021 - 2022
- Program Committee Lead - IEEE Student Branch | 2021 – 2022
- Volunteer - Project Nenathambara | 2021 – Present
- Team Lead - IEEE SLSYWC'20 | 2020
- Speaker - IEEE Region 10 SYWL Congress 2020
- Organizing Committee Vice President - AIESEC in Kandy | Blue Marble 15.0 - Term 19/20

National Institute of Technology Calicut, India **2019**

- Scholarship (2 weeks of training under a grant awarded by India Sri Lanka Foundation)

Rahula College, Matara, Sri Lanka **2001 - 2015**

PROJECTS

- Food Recommendation System Using Machine Learning for Diabetic Patients (FYP)** **07/22 - 01/23**
Recommend proper foods for diabetic patients in the context of nutrition & food characteristics by developing a machine learning based intelligent application. Contributed to develop the mobile application, spearheaded the project architecture and coordinated workload distribution among team members.
- Technologies: Flutter, Azure Machine Learning Studio, Python, Scikit-learn, Open Food Facts
- Digital Signage Based User Targeted Advertising** **08/20 - 05/21**
A Signage platform that uses Deep Learning techniques to display the most matching advertisements for people considering their age and gender. Contributed to develop the mobile application to interact with the Signage platform and prototyped the hardware components.
- Technologies: Flutter, Firebase, OpenCV, Python, Arduino, Bash, MQTT, Raspberry Pi, NodeMCU,
- Cloud Security Status Monitoring Tool** **01/22 - 06/22**
A full-stack web application to monitor static application security testing (SAST) pipelines in GitHub repositories. Contributed to the frontend and backend development.
- Technologies: Ballerina, Microsoft Azure Cosmos DB, Choreo, Asgardeo, React JS, Material UI
- OpenEMR - Mobile App (Open-Source Contributor)** **2021**
Contributed project for Google Summer of Code – 2021.
- Technologies: Flutter, Firebase
- Food Point (Freelancer)** **2021**
A mobile app for a restaurant.
- Technologies: Flutter, API Integration

AWARDS

World Finalist (Team Lead) | Microsoft Imagine Cup 2022 organized by Microsoft.
Winner (Team Lead) | Microsoft Identity for All 2022 organized by Microsoft.
Semi-finalist (Team Lead) | Microsoft Virtual Hackathon 2022 organized by Microsoft.
Winner (Individual) | Special Call for Proposals Related to CoViD'19 organized by IEEE R10 in 2020.
Consolation Prize Winner (Rank 44) | Ballerina - WSO2 Global Hackathon 2022 organized by WSO2.
Best Innovative Project - Central Province (Team Lead) | SLASSCOM National Ingenuity Awards 2023.
Best Innovative Project - Central Province (Team Lead) | SLASSCOM National Ingenuity Awards 2021.

CERTIFICATIONS

DevOps, Cloud, and Agile Foundations - Specialization	IBM 03/24
Monitoring and Observability for Development and DevOps	IBM 03/24
Application Security for Developers and DevOps Professionals	IBM 03/24
Continuous Integration and Continuous Delivery (CI/CD)	IBM 03/24
Learning GitHub Actions GitHub Actions First Look	LinkedIn Learning Certificate 06/22
DevOps Foundations: DevSecOps	LinkedIn Learning Certificate 04/22

SKILLS

Programming	Java, Python, Dart, Bash, Ballerina, C, Haskell, Verilog	Mobile	Flutter, Android
Web	React JS, Material UI, HTML, CSS, JavaScript	Version Control	Git, SVN
Operating Systems	Linux, Unix, Windows	Cloud	GCP, Azure
Other	GitHub Actions, Tekton, Prometheus, Grafana, Jenkins, Docker, OpenShift, Kubernetes		

REFERENCES

Available upon request.