VIRAJ DHANUSHKA

Matara, Sri Lanka | smviraj@gmail.com | +9471 489 7508 | LinkedIn | Portfolio | GitHub

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

PROFESSIONAL EXPERIENCE

LSEG (London Stock Exchange Group)   **07/24 - Present**
DevOps Engineer (Full-time)
Involved in release deployments in LSEG's main Equities (LSE Equities) and Turquoise Equities trading platforms.
24/6 Application operations support and incident management.

National Institute of Business Management (NIBM - Galle, Sri Lanka)   **09/24 - Present**
Visiting Lecturer (Part-time)
Supervise and evaluate student's academic projects.

National Institute of Business Management (NIBM - Matara, Sri Lanka)   **07/23 - 05/24**
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
- IEEEXtreme Ambassador |2021 - 2022
- Program Committee Lead - IEEE Student Branch |2021 – 2022
- Team Lead - IEEE SLSYWC'20 |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

Cloud Security Status Monitoring Tool   **01/22 - 06/22**
Selected WSO2 code repositories (in GitHub) have static code scanning enabled for both application and
infrastructure as code (IaC). Cloud Security Status Monitoring Tool is a full-stack web application to monitor static
application security testing (SAST) pipelines in those GitHub repositories. Contributed to the backend development
using WSO2 GitHub Connector, WSO2 CosmosDB Connector (Ballerina) and deployed the backend services to Choreo.
Developed the frontend using React JS and Material UI. Integrated Asgardeo to enable seamless authentication.
- Technologies: Ballerina, WSO2 GitHub Connector, WSO2 CosmosDB Connector, Microsoft Azure Cosmos DB,
  Choreo, Asgardeo, React JS, Material UI

WSO2 - Ballerina Extended Library (Open-Source Contributor)   **01/22 - 06/22**
Fixed issues in Cosmos DB connector and introduced new features to WSO2 GitHub Connector.
- Technologies: Ballerina, WSO2 GitHub Connector

OpenEMR - Mobile App (Open-Source Contributor)   **2021**
Contributed project for Google Summer of Code – 2021. | Technologies: Flutter, Firebase

Dengue - Stop (Open-Source Contributor)   **2020**
Contributed project for Google Summer of Code – 2020. | Technologies: Flutter, Firebase

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Mac Book Pro Winner | WSO2 Code Challenge 2024 organized by WSO2.
Consolation Prize Winner (Rank 44) | Ballerina - WSO2 Global Hackathon 2022 organized by WSO2.
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.
Best Innovative Project - Central Province (Team Lead) | SLASSCOM National Ingenuity Awards 2021 & 2023.

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AWS Fundamentals - Specialization   AWS | **05/24**
DevOps, Cloud, and Agile Foundations - Specialization   IBM | **03/24**

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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**	AWS, Azure

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Mr. Suresh Rupasinghe - Technical Lead | Security & Compliance Team | WSO2 Inc | +9476 537 2218 | sureshr@wso2.com
Mrs. Vimukthi Perera - Associate Lead Site Reliability Engineer | WSO2 Inc | +9477 115 3999 | vimukthi@wso2.com