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, as well as related technologies. Enthusiastic about learning, teaching, and collaborating on teamwork-focused projects.

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

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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
- 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. Spearheaded project architecture, coordinated workload distribution among team members and actively participated in the development of the mobile application.

- 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.
Deployed the project as a web application.

- Technologies: Ballerina, Choreo, Asgardeo, WSO2 GitHub Connector, WSO2 CosmosDB Connector, Microsoft Azure Cosmos DB, React JS, Material UI

WSO2 - Ballerina Extended Library (Open-Source Contributor) **01/22 - 06/22**
Fix issues in Cosmos DB connector and introduce new features to WSO2 GitHub Connector.

OpenEMR - Mobile App (Open-Source Contributor) **2021**
Contributed project for Google Summer of Code – 2021.

Dengue - Stop (Open-Source Contributor) **2020**
Contributed project for Google Summer of Code – 2020.

AWARDS

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.
Best Innovative Project - Central Province (Team Lead) | SLASSCOM National Ingenuity Awards 2021 & 2023.

CERTIFICATIONS

GitHub Actions First Look | LinkedIn Learning Certificate **06/22**
Learning GitHub Actions| LinkedIn Learning Certificate **06/22**
DevOps Foundations: DevSecOps| LinkedIn Learning Certificate **04/22**

SKILLS

Programming	Java, Python, Dart, Ballerina, C, Haskell, Verilog	**Mobile**	Flutter, Java
Web	React JS, Material UI, HTML, CSS, JavaScript	**Version Control**	Git, SVN
Operating Systems	Linux, Windows, Unix	**Cloud**	Azure, GCP
Other	CI/CD, GitHub Actions, Jenkins, Docker, MySQL		

REFERENCES

Mr. Suresh Rupasinghe - Technical Lead (Cloud Security), WSO2 Lanka PVT LTD | +9476 537 2218
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Mrs. Vimukthi Perera – Associate Lead Site Reliability Engineer, WSO2 Lanka PVT LTD | +9477 115 3999
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