THULANA KANNANGARA
Tech Enthusiast | Software Engineer

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Experienced and passionate Software Engineer. Versed in Java, Python, JavaScript languages. Spend most of the time with Spring-boot, Node.js and Flask. Team player with a knack for new Tech.

🎓 EDUCATION

2018	**B.Sc.(Hons.) Computer Science and Engineering**, University of Moratuwa, Sri Lanka. GPA:3.65 - Second class Upper
2013	**High School Graduate**, Royal College

💼 EXPERIENCE

Since August 2020

Senior Software Engineer, SYSCO LABS, COLOMBO, Sri Lanka
> Design and develop critical software components such as micro-services
> Research on software improvement and maintenance
> Database optimization and maintenance
> Infrastructure designing and orchestration
> Continuous integration and deployment with Jenkins, GoCD

Springboot | NodeJS | React | PostgreSQL | JPA | AWS | Kubernetes

August 2020 – January 2019

Software Engineer, SYSCO LABS, COLOMBO, Sri Lanka
Contributed as full stack engineer. Worked with JavaScript frameworks such as React, Node.js and Java for micro services.
> Implement and maintain the Sysco Ordering platform which process more than 20M USD worth orders per day
> Involvement in complete software development life cycle

Springboot | NodeJS | React | PostgreSQL | JPA | AWS | Kubernetes

December 2017 – June 2017

Software Engineer - Intern, ORANGEHRM (PVT) LTD, COLOMBO, Sri Lanka
Worked as a DevOps Engineer. Had the opportunity to work with different technologies such as Docker, Ansible, ELK stack, Travis, Jenkins etc. Worked on interesting automation projects such as CICD pipelines, Server configuration automation and centralised log management.

Docker | ELK stack | Jenkins | Ansible

Since May 2014

Freelance Developer, FIVERR,
Contributed to hundreds of small to mid scale projects in following areas.
> API designing and implementation
> API integration
> web development
> infrastructure design
> Machine learning
> Image processing

Python | Java | AWS Lambda | Spring | flask | scikit-learn | open-cv

☰ SKILLS

Languages	**Java**, **Python**, **Javascript**, C, PHP
Frameworks	Spring Boot, Flask, Node.js, React
Databases	PostgreSQL, MySQL, MongoDB, SQLite, DynamoDB
Tools	IntelliJ Idea, git., JIRA
DevOps	Docker, Jenkins, AWS,GCloud, Ansible, GoCD, Travis

🖥 PROJECTS

CENTRALISED ORDER MANAGEMENT SYSTEM   2021 - NOW
🔗 Thinking Foods
Centralised Order Management system for ThinkingFoods company in Spain. This system integrate multiple e-commerce websites and provide centralised overview with an analytic platform. Feature rich system with delivery management, order management, email and sms notifications.

`Python` `React` `MySQL` `AWS Lambda`

SYSCO SHOP   2019 - NOW
🔗 shop.sysco.com
Sysco Shop is a complete marketplace for Sysco customers. Mainly worked on ordering platform which is responsible of processing millions of orders per a week. Involved in designing backend architecture, development of supporting micro-services, integration between different components, maintaining micro services, databases and other components. Rigorous testing and automated deployment and state of the art infrastructure setup with kubernetes. Proactive service monitoring.

`Springboot` `Node.js` `React` `Docker` `Kubernetes` `AWS` `Jenkins` `DataDog`

CENTRALIZED LOG MONITORING SYSTEM FOR ORANGEHRM   SEP - OCT'17
🔗 Orange HRM
A complete log collecting, monitoring and alerting system for more than 10 servers.

`Elasticsearch` `Logstash` `Kibana` `Beats`

CICD PIPELINES FOR ORANGEHRM   JUL - AUG'17
🔗 Orange HRM   🔗 github.com/orangehrm/orangehrm
A complete log collecting, monitoring and alerting system for more than 10 servers.

`Docker` `Jenkins` `Travis` `Codeception` `Git` `Subversion`

📕 PUBLICATIONS

2019   **Rigel: A Framework for OpenMP Performance Tuning** IEEE International Conference on High Performance Computing and Communications (HPCC) https://ieeexplore.ieee.org/abstract/document/8855553

🎓 CERTIFICATIONS

2015   Oracle Certified Associate, Java SE 8 Programmer

66 REFERENCES

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