



Thulana Kannangara



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thulana-kannangara

Education

B.Sc.(Hons.) Computer Science and Engineering | 2018 | GPA:3.68 - Second class Upper

High School
Royal college | 2013 | 3A

Skills

Languages: Python, Java, SQL, JavaScript and C

WebDev : HTML, CSS, JS, JQuery, php, NodeJS, ReactJS, Spring, Hibernate

Databases : MySQL, Postgres, SQLite, MongoDB, AirTable, DynamoDB

DevOps : Docker, Jenkins, AWS, GCloud, Ansible, GoCD, Travis

Other: MS Office, JIRA, Git

Certifications: Oracle Certified Associate, Java SE 8 Programmer

Strengths

- Quick learner
- Good communication skills
- Good analytical skills
- Teamwork skills
- Focused and punctual
- Easy to work with personality

Work Experience

Since Aug'20 Senior Software Engineer Sysco Labs, Colombo
 Design and develop critical software components
 Research on software improvement and maintenance
 Database optimization and database infrastructure optimization
 Continuous integration and deployment with Jenkins, GoCD, AWS

Jan'19 - Aug'20 Software Engineer Sysco Labs, Colombo
 worked as a full stack engineer. worked with JavaScript frameworks such as reactjs, nodejs and Java for micro services.

- Working on Sysco Ordering platform which process more than 20M USD worth orders per day

- Involvement of software development to deployment and finally maintenance process

Jul - Dec '17 Software Engineer - Intern OrangeHRM (pvt) Ltd, Colombo
 Worked as a Tech-ops engineer. Had the opportunity to work with different technologies such as Docker, Ansible, ELK stack, Travis, Jenkins etc. I was working on interesting automation projects such as CICD pipelines, Server configuration automation and server logging.

Since May'14 Freelancer - Programming Fiverr, Colombo
 have experience as a freelancer for last 7 years. I have successfully completed more than 1000 projects and have clients all over the world

Publications

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

Research and Projects

Jan - Dec'18 Performance Tradeoffs of Pragma-Based Parallel Programming Models
 A framework to explore best combination of OpenMP pragma directives for a given parallel program.

Sep - Oct'17 Centralized log monitoring system for OrangeHRM
 A complete log collecting, monitoring and alerting system for more than 10 servers.
 Technologies : Elasticsearch database, Logstash, Kibana, Beats

Aug - Sep'17 Server Configuration Automation with Ansible
 Ansible Server was created with Ansible tower interface to automate configurations of OrangeHRM servers.
 Technologies : Ansible, Ansible tower

Jul - Aug'17 CICD pipelines for OrangeHRM
 Production used Complete CICD processes using open source products
 Technologies : Docker, Jenkins, Travis, Codeception, Git, Subversion

Jan - Apr'17 Information Management System
 information management system which can be used to simplify and automate the quotation handling, return management and project management tasks of a small business
 Technologies : PHP, Laravel Framework, CSS, HTML, jQuery, JavaScript

Achievements

- IEEEExtreme 2016 Programming Competition - Island rank 4
- IEEEExtreme 2015 Programming Competition - Island rank 50

References

Mr. Ridwan Shariffdeen - PhD Candidate at Ntional University of Singapore

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Mr. Kushira Godellawatta - Software Architect at Sysco Labs, Sri Lanka

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- Email: Kushira.Godellawatta@syscolabs.com