



# Thulana Kannangara

- 10 September 1994
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- thulana-kannangara

## Education

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

A/L  
Royal college | 2013 | 3A

O/L  
Royal college | 2010 | 8A B

## Skills

Languages: C, Java, SQL and Python

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

Databases : MySQL, Postgres, SQLite, MongoDB

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 in analytical skills
- Teamwork skills
- Focused and punctual
- Easy to work with personality

## Work Experience

Since Jan'19 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.

May'14 - Freelancer - Programming Fiverr, Colombo  
have experience as a freelancer for last 4 years. I have successfully completed more than 100 projects and has 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)

## Achievements

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

## 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