

Prageesha Galagedara

Senior Cloud Engineer

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Profile

Google and AWS certified cloud engineer with 11+ years of experience in cloud computing and software development. I've had hands-on experience in deploying and maintaining production-grade Kubernetes platforms (Openshift, Google Kubernetes Engine, ARO) in the cloud, have provided technical solutions for clients to migrate their workload to cloud technologies, implemented and maintained GCP, AWS, Azure infrastructure and services, and have developed applications using PHP and web-based technologies.

Career Summary & Work Experience

DevOps Tools & Automation Engineer

One NZ,
New Zealand

<https://one.nz>

April 2022 – Present

Tools & Technologies

DevOps, Azure Cloud, Azure Redhat Openshift, Terraform, Azure DevOps, Splunk, Docker, Grafana, Dynatrace, ArgoCD, Kubernetes

- Setup and configure Redhat Openshift environments (Infra, Nonprod and PROD) of the company .
- Developed infrastructure as code (IAC) using Terraform to create reproducible and scalable cloud environments in Azure.
- Implemented CI/CD pipelines using Azure DevOps.
- Monitored ARO clusters with Prometheus, Grafana, Dynatrace and Splunk for proactive issue identification.
- Use Gitops principles to maintain ARO cluster configurations using ArgoCD and ADO pipelines.
- Promoted DevOps culture through training and mentorship.
- Implemented security best practices and performed regular security audits.

Senior Cloud Engineer

2Degrees Mobile,
New Zealand

<https://www.2degrees.nz>

May 2020 – April 2022

Tools & Technologies

DevOps, Drupal, AcquiaCloud, Terraform, Jenkins, Splunk, Docker, Grafana, Lambda, Cloudformation, Codepipeline, Cloudfront

- Setup and configure Drupal deployments to environments using DevOps tools.
 - Design and develop Jenkins pipelines for deployments.
 - Manage the company's primary CI/CD tool (Jenkins).
 - Write Cloudformation Stacks to create resources in the AWS environment.
 - Responsible for maintaining the AWS accounts.
 - Creating Splunk dashboards for operational use.
 - Design and develop solutions in AWS.
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DevOps Engineer**Techolution Pvt Ltd, Singapore**

<https://www.techolution.com/>

Jan 2019 – Dec 2019

Tools & Technologies

DevOps, Google Cloud, AWS, PAAS, GKE, Terraform, Jenkins, Prometheus, Docker, Kubernetes, Grafana, Stackdriver

- Consult clients to migrate to the Google Cloud Platform.
- Design and implement Google Kubernetes Engine clusters on GCP for major E-Commerce platforms (www.blibli.com, www.tiki.vn).
- Write Terraform code to deploy GKE and GCP resources.
- Design, implement and maintain AWS infrastructure and services.
- Deploy Prometheus and Grafana to monitor GKE clusters.
- Configure Stackdriver for monitoring.
- Deploying apps to Kubernetes using Jenkins and helm.

Cloud Engineer**DBS Bank Ltd, Singapore**

<https://www.dbs.com.sg>

March 2016 – Dec 2018

Tools & Technologies

DevOps, OpenShift, PAAS, PHP, Laravel, Prometheus, Grafana Docker, Kubernetes, VMWare, RHEL, Bash

- Design and architect four clusters of the bank's PAAS (Red Hat OpenShift Container Platform) platform.
- Installing, configuring and maintaining the PAAS (Red Hat OpenShift Container Platform) platform of the bank, Guide app team to deploy on the PAAS platform.
- Detailed technical knowledge and hands-on experience in DevOps, Automation, Build Engineering and Configuration Management.
- Developing scripts for builds, deployments, and maintenance-related tasks using Bash, Docker.
- Develop a monitoring solution for infra services using Prometheus, Alert Manager, Grafana and ELK stack.
- Develop a web application using the Laravel framework to track platform users.

IT Programmer**Falconcity of Wonders LLC, Dubai**

<http://www.falconcity.com/>

September 2015 – Dec 2015

Tools & Technologies

PHP, Laravel Framework 4, MySQL, Apache, GIT, JQuery, Angular JS, JavaScript, CSS

- Plan, design, develop and maintain web applications.
- Develop the customer service portal of the company, which manages 500+ villas and their contents.

Software Engineer**Thinkcube Systems (Pvt) Ltd, Sri Lanka**<http://thinkcube.com>*March 2013 – August 2015***Tools & Technologies**

PHP, HTML, Zend Framework 2, Laravel Framework 4, MongoDB, MySQL, Apache, Nginx, GIT, JQuery, Angular JS, Node JS, JavaScript, CSS, Docker, Doctrine ODM,

- Planned, coordinate and conduct multiple complex software engineering activities.
- Create and participate in software planning and estimating, status monitoring and reporting.
- Introduce new approaches, apply existing criteria in new ways and draw conclusions from comparative situations.
- Software design, prototyping and investigating.
- Software coding and unit testing, Systems integration and testing. Software documentation.
- Troubleshoot for program errors in existing systems.
- Make recommendations on the assessment of tools and software products.
- Manage and support other software engineering staff.
- Participate in mandated engineering reviews.
- Participate in the pursuit of new business by identifying opportunities and contributing to tender preparation
- Participate in continuous improvement initiatives.
- Played a major role in designing, developing and testing of learning management system for the largest telecommunication provider in Sri Lanka, Dialog Axiata (Pvt) Ltd (<https://guru.lk>).
- Design and develop a learning management system for corporate customers, and lead the development team.
- Design and develop an internal HR system.

Software Engineer**SP Solutions (Pvt) Ltd, Sri Lanka**<http://www.sp.solutions.biz/>*July 2012 – March 2013***Tools & Technologies**

PHP, HTML, MySQL, Apache, JQuery, JavaScript, CSS, XML, JSON, PostgreSQL, Apache

- Design, develop and maintain web applications.
- Design and develop an internal invoice-generating system.
- Maintain and troubleshoot for program errors in existing applications.

Php Developer**Zihina Creations (Pvt) Ltd**<http://www.zihina.com>*May 2012 – July 2012***Tools & Technologies**

PHP,HTML,CSS,JS, JQuery

- Designed and developed an E-Marketing web application.
- Bug fixing in existing web applications.

Education

Bachelor of Science (Honors) in Information Technology Degree, Sri Lanka Institute of Information Technology, Sri Lanka - 2012

Bachelor of Science (Computer/Mathematics/Statistics), University of Sri Jayewardenepura, Sri Lanka -2012

Skills

Cloud Technologies	Google Cloud Platform, Google Kubernetes Engine, AWS, Redhat Openshift Container Platform, Cloud Load balancers, Azure, Azure Redhat Openshift
PHP	Zend Framework 2, Laravel Framework 4 & 5, Doctrine ODM
Database Technologies	MySQL, MongoDB, MariaDB
Server Technologies	Apache, Nginx
Web Technologies	HTML5, CSS, JavaScript, JQuery, Ajax, WordPress, Bootstrap, Angular JS, Node JS, XML, JSON
Methodologies	Agile, Scrum
Operating Systems	Linux/Unix, Windows
Other	Docker, Kubernetes, Terraform, GIT, Vmware, Helm, Jenkins, ArgoCD, Azure DevOps
Monitoring Tools	Prometheus, Alert Manager, Grafana, Sysdig, ELK Stack, Stackdriver, Dynatrace, Splunk

Achievements

- Google Certified Professional Cloud Architect
- AWS-certified Solution Architect
- Member of School scout troop for four years participating in camps and camporees.
- Champions of annual six-a-side cricket tournament 2012 University of Sri Jayewardenepura.