Vasuki R

DevOps Engineer at GovTech Singapore
Singapore

Summary

I am a Cloud computing Solutions Architect, certified by AWS on the same . I am currently involved in Analysis, Designing, Planning and Implementation of Cloud environment and DevOps implementations. I can lead a whole project of Cloud migration and DevOps implementations which I am doing right now . Cloud Migration can be to both private and public cloud, or even hybrid cloud, depending on Client's needs.
My experience background is on Application development and also on Infrastructure. I have had good hands-on experience in designing and implementing complex CI/CD pipelines.

Technical skills:
Cloud environment - IBM Bluemix / Cloud Foundry, Amazon Web Services(Amazon EC2,S3, Auto scaling, Route 53, VPC, Amazon Cloud formation, Cloudwatch), Openstack
DevOps Skills - CI/CD, Kubernetes, Chef, Puppet, Ansible
Version Control Systems - CVS, Subversion, Git, Artifactory
Automation/Build Tools - Travis, Jenkins, Docker, Kubernetes, UCD
Languages & Scripting - Python, Java, Ruby, Shell scripting, Maven, JSP, XPath & XSLT
Web Technologies - Responsive Web Design, HTML5, CSS3, JavaScript, AJAX, jQuery and libraries, JSON, XML, RSS, Microsoft Visio
Development & Design Tools - RAD, RSA, Eclipse, NetBeans, SQL Developer, Jira and Visual Studio code
Tools New Relic, Pager Duty, SendGrid, IBM FileNet P8 Application Engine, Process Engine & Content Engine,
Testing tool - SonarQube, Selenium, Junit, JMeter
Application & Web Servers - WebLogic, WebSphere, Tomcat, JBoss, Apache, IBM HIS, Nginx
Databases & Technologies - Oracle, MySQL, SQL, Cloudant, Mongo DB
Operating System - Red Hat Enterprise Linux, IBM AIX, MS Windows

Virtualization - VMware VM, IBM KVM

* Please ask for resume for more details on my work experience.

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Experience

GovTech Singapore
DevOps Engineer
July 2019 - Present (1 year 9 months)
Singapore

IBM
11 years 8 months

DevOps Engineer
August 2016 - Present (4 years 8 months)
Singapore

• Sole responsibility for solution designing of migration from legacy model to cloud model for 3 IBM clients
• Represented various discussions involving the demonstration of proposed Cloud models
• Installation, Configuration and setup of IBM Cloud Orchestrator (ICO) Openstack
• Implemented DevOps tools (Git, Jenkins, UCD) for CI/CD automation
• Automated numerous Infrastructure management tasks using Chef
• Code migration of Legacy application from physical server to Github repository
• Setting up the cloud infrastructure for the application in Bluemix
• Drove the Move to Cloud initiative for the Integration Services hub in Asia Pacific which hosted more than 100+ Integrations, to make use of the IBM SoftLayer's IaaS cloud offering
• Migrate Client's infrastructure and applications to AWS platform
• Plan Create and Deploy cloud Infrastructure/Environments using AWS EC2, ELB, VPC, RDS, Route 53, AWC CLI, IAM, CloudWatch based on customer/ Internal requirements
• Create and Deploy cloud Infrastructure/Environments "stacks" using AWS CloudFormation service
• Infrastructure Automation using AWS CloudFormation stacks
• Create and maintain fully automated CI/CD pipelines for code deployment in IBM Cloud Foundry(Bluemix) using UCD

• Architecture and develop Docker-based infrastructure
• Developing Docker image for deploying the components in Kubernetes
• Developing scripts for build, deployment, maintenance and related tasks using Travis, Docker, Maven, Python and Bash
• Created automated scripts using JSON,YAML and Python for infrastructure as code
• Create process for the deployment in UCD
• Installation, Configuration and setup of IBM OpenStack
• Written Heat templates as per the demands from various departments
• Migrating the current infrastructure resources to be managed by IBM OpenStack
• Written cookbooks in Chef for various Infrastructure implementations
• Infrastructure Automation using scripts and DevOps tools like Chef, Git etc

Cloud Engineer
January 2016 - Present (5 years 3 months)
Singapore

Developer - Enterprise Integration Services
August 2009 - December 2015 (6 years 5 months)
Singapore

SATYAM COMPUTER SERVICES, LTD
Developer
March 2006 - August 2009 (3 years 6 months)
Chennai Area, India

Education

Anna University
BE, ECE · (2001 - 2005)

Seventh Day Adventist School
 · (2001)