Jaya Krishna Gowravarapu
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Summary:

- Around 5 years of IT experience in DevOps, Build & Release, Configuration management and Linux system administration.
- Expert in various AWS services which includes EC2, ECS, ECR, VPC's, IAM, S3, EBS, VPN, CloudWatch and CloudFormation.
- Expert in AWS automation using CloudFormation, CodeCommit, CodePipelines, Terraform and Serverless framework.
- Experience in design and building High Available and Auto Scaling applications using AWS services.
- Design and implementation of AWS accounts architecture from the ground up to production level.
- Extensively worked with different version control systems like GIT, GitHub Enterprise, Stash and Artifactory.
- Experience in automation using multiple configuration management tools like chef and puppet on different platforms.
- Experience in with multiple container orchestration tools like Docker, ECS, Fargate, EKS and Kubernetes
- Extensively worked on CI/CD pipeline for code deployment by engaging different tools (Git, Jenkins, Circle CI, CodePipelines).
- Hands on experience in installation, configuration, administration of RHEL and day-to-day system admin tasks.
- Expert in different monitoring tools like CA Nimsoft, Logic Monitor, Nagios, Splunk, New Relic and CloudWatch.
- Experience bash and python scripts to automate the deployments and ease administration tasks.
- Experience in implementation and designing of disaster backup and recovery plan.
- Expertise in building and supporting different environments testing, contingency, production and disaster recovery servers.
- Expertise in working with multiple teams to ensure environments availability.
- Excellent understanding of SDLC Methodologies like Agile, Kanban and DevOps processes.
- Providing Troubleshooting and support in critical 24x7 production and development environments.
- Independent problem solving and a good team player with strong interpersonal and communication skills.

Technical Skills:

Operating Systems	: RHEL 5.x/6.x/7.x Windows 2008/2012
Cloud Technologies	: Amazon Web Services, Azure, Terraform and Serverless
Scripting Languages	: Bash, Python, Ruby, Json and Yaml.
Containers	: Docker, ECS, ECR and Kubernetes.
Build & Deployment	: Chef, Puppet, Jenkins, CircleCI, CodeBuild, CodePipelines, Vagrant and Atlantis
SCM	: CodeCommit, Stash, GIT, GitHub Enterprise, BitBucket and Artifactory.
Monitoring	: Nagios, CA Nimsoft, LogicMonitor, Grafana, New Relic and Splunk

Education:

Master of Science – Electrical Engineering
Texas A&M University-Kingsville

Bachelor of Technology – Electronics and communication Engineering
Jawaharlal Nehru Technological University, Hyderabad

Certifications:
AWS - Certified Solutions Architect associate

Work Experience:

Nike, Inc. Beaverton, OR
DevOps/AWS Engineer   **Nov 2016 – Present**

- Orchestrating infrastructure using various AWS resources, Puppet and Jenkins.
- Created various pipelines using code pipelines, codebuild, github and codecommit to build and automated testing of cloud infrastructures such as IAM, VPC and Lambda's etc.
- Automated build and deployment of various highly available applications like Jenkins, DNS servers and cloud infrastructures using CloudFormation, Serverless Framework, terraform and puppet.
- Automated various administration task using python and shell scripting utilizing lambda services to integrate with cloud.
- Automation of build and deployments of various applications like Atlassian Confluence, WordPress sites using clouformation and serverless frameworks.
- Automated Atlantis server build for terraform build and deployment pipelines.
- Created puppet modules for automating installation and configuration applications.
- Created various Jenkins jobs and CircleCI for build and deploy of containers, cloud infrastructures, migration tasks, microservices, maven and gradle builds and day to day administration tasks using JenkinsFiles with github integration
- Worked on multiple container orchestration tools like ECS, EKS, Elastic beanstalk, Fargate and Kubernetes.

Environment: RHEL 6.x/7.x, Puppet, Amazon Web Services, Terraform, S3, IAM, Serverless, Kubernetes, Jenkins, CircleCI, Atlantis server, New Relic, Splunk, CloudWatch

Align Technology, San Jose, CA
DevOps Engineer   **Nov 2014 – Oct 2016**

- Installing, configuring and managing various software components like JBoss EAP, Apache, Rockwell FTPC, Ngnix, MES, Chef-Client and automation using Chef.
- Worked Closely with SQA and development to ensure point to point integration and end to end testing and maintaining 99.9% up time for all the environments including Production.
- Automating Build and deployments using Chef, Jenkins and Cloud Formation
- Wrote Cook Books to build and deploy Java applications and utilizing Chef's super market cook books to meet our requirements.
- Worked extensively on services like EC2, S3, VPC, Route53, CloudFormation, Lambda, SQS, SNS and IAM.
- Scripting & automating tasks using Python for backup, monitoring and file processing.
- Worked on logic-monitor and CA Nimsoft to setup OS level and application monitoring.

Environment: RHEL 5.x,6.x, Chef, Amazon Web Services, Shell Scripting, Python, Logic Monitor, New Relic.

Server Management Services, Irving, TX
DevOps Engineer   **June 2014 – Nov 2014**

- Installation, configuration and Administration of Red Hat Linux 5.1 and 6.0
- Installed and upgraded packages on RedHat Linux Servers using YUM and RPM package manager
- Installed and configured System Imager for automated Linux install and software distribution.
- Monitored servers, switches, ports etc. with Nagios monitoring tool.
- Installed and configured LAMP (Linux, Apache, MySQL, and PHP) for different applications.
- Monitoring system resources, logs, disk usage using Nagios, scheduling backups and restore.
- Creating user accounts, managing permissions, maintaining user & file system quotas on different servers.
- Troubleshoot hardware, software and operating system related errors in Linux and windows platforms
- Responsible for documentation issues, configurations, architecture and support procedures
- Provided support 24x7 by shift rotation and pager support basis.

Environment: RHEL 5.x/6.x, Tomcat, Nginx, SNMP, Samba, Korn, Bash, Shell Scripting.