Sandeep Pochu

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# Summary

# As a DevOps engineer with 6 years of experience, I worked on automating software delivery processes, building and maintaining cloud based infrastructure, and ensuring high availability and scalability of applications. Throughout my career, I have worked with variety of tools and technologies including AWS, GCP, Terraform, Python, Kubernetes, Jenkins and GIT. I have experience in implementing CI/CD pipelines, building and maintaining cloud-based infrastructure (Infrastructure as code) using Terraform and monitoring systems. I am team player and DevOps Engineer who is passionate about automation with continuous improvement.

# Technical Skills

* Proficiency with AWS and GCP cloud management platforms.
* DevOps Tools – Terraform, GIT, Jenkins, Docker, Kubernetes, Ansible, Sumo Logic, Nagios.
* Scripting Languages – Python, Shell
* Proficiency with working in Linux operating system (CentOS, RHEL7).

# Work Experience

**SAP Labs (DevOps Engineer) | Sep 2018 - Present**

* Designed and Implemented Terraform templates to automate infrastructure deployment for multiple projects, resulting in reduction of deployment time by 50%.
* Developed Kubernetes deployment strategies to manage containerized applications and services, resulting in improved scalability and reliability with 90% efficiency.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along Python scripts to automate routine jobs.
* Automated pipeline has been built to monitor cloud infrastructure logs using Splunk server which enables to identify potential issues.
* Implemented security controls at org level in GCP which was defined by security team.

# Cybage (DevOps Engineer) | Oct 2014 – Nov 2015

* Teamed with developers to execute APIs that enabled analytics team to increase reporting speed.
* Design, build, manage and operate cloud platforms with a focus on automation and Infrastructure as code.
* Developed system management solutions using automation and self-repair rather than relying on alarming and human intervention.
* Worked as part of an agile team implementing software development best practices includes continuous integration and infrastructure monitoring.

# Telekom Malaysia (Associate Engineer) | Aug 2013 - July 2014

* Administration of various AWS services offerings like IAM Users and Policies Management, S3, EC2, VPC, Cloud Formation and AMI.
* Data visualization, analysis and monitoring technical state of systems using ELK.
* Managed 100% of existing AWS cloud environments, automation, monitoring metrics, disaster recovery backups and capacity planning.
* Collaborated with multiple teams to help with AWS role management and provisioning AWS resource.

# Education Details

* Master’s in Computer Science, Wilmington University, DE.
* Bachelor of Technology in Computer Science, JNTU Hyderabad.