Ch. Sagar Prusty

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Summary

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Experienced Tech Lead with a demonstrated history of working in the information technology and services industry with cloud integrated platform. Skilled in Python , DevOps, Kubernetes (Azure, Google Cloud and AWS), Jenkins, Git, Shell Scripting, Terraform, Ansible, SQL and NoSql databases. Strong engineering professional graduated from BPUT.

Experience

🐚 DevOps Tech Lead

Shell

Apr 2019 - Present (2 years 2 months +)

Responsible for architecting and streamlining of Kubernetes deployments.

Assist in design, architecture, and implementations of cloud solutions and deployment strategies, including but not limited to:

- CI/CD
- Blue/green
- Canary

Define cloud architecture, design and implementation plans for hosting complex application workloads on multi cloud platforms- MS Azure and AWS.

Used terraform to orchestrate the application infrastructure and automated by stitching with Jenkins declarative pipelines.

Used Circleci for creating the automation structure for applications after the infrastructure is orchestrated.

Set up and maintained logging and monitoring subsystems using tools like Elasticsearch, Kibana, Prometheus, Fluentd and Alertmanager

⊙ DevOps Engineer

Wipro Limited

Oct 2018 - Mar 2019 (6 months)

Open Banking is an emerging trend in financial technology that uses Open APIs to enable third party developers build applications and services around a financial institution. It facilitates greater financial transparency and helps financial institutions innovate and create new revenue models. Open Banking has been gaining significant momentum across the globe, especially in the European banking industry – driven by changing regulatory mandates.

Proficient with Kubernetes and ability to design and implement end-to-end container management solution with Kubernetes

Design procedure for system trouble shooting and maintenance; Closely working with our engineering and marketing team and involved in all the branding and

marketing efforts like idea brainstorming, concept sketching, iteration and design.

Develop standards to orchestrate environment build and tear down using Kubernetes, Terraform

DevOps Engineer

Capgemini

May 2015 - Sep 2018 (3 years 5 months)

KCI

a global corporation that produces medical technology related to wounds
and wound healing employing 5,000 people and markets its products in more than 25 countries
headquartered at San Antonio, Texas. Currently, KCI, LifeCell and Systagenix operate under one global
medical technology brand known as Acelity.

Understanding the client environment, administrating and creating solutions using AWS services,
CI/CD, Git.

Configuring Jenkins job with related Plugins for Building, Testing and Continuous Deployment to
accomplish the complete CI/CD.

Experienced with AWS Cloud platform and its features, which includes EC2, S3, VPC, EBS, AMI and
RDS.

Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch.

Creating and Managing AMI's/Snapshots and Volumes upgrade/Downgrade AWS Resources CPU,
Memory, EBS.

Excelled on creating AMI (AWS Machine Images) that utilizes ELB (Elastic Load Balancer) and Auto
Scaling. # Setup/Managing VPC, Subnets make connection between different zones.

Experience in writing playbooks and creating Roles for Scalability and Reusability in Ansible

Extensive Good experience with Continuous Integration Jenkins Tool.

Experience in configuring and updating the servers using configuration management tools like
Ansible.

Experience with container architecture and technologies such as Kubernetes and Docker

Installed and Setup Nagios Server monitoring tools, Plug-in, NRPE.

Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies;
Automated the AWS services using terraform.

Having good knowledge on SSH connections and password less authentications between two servers

Senior Software Engineer

Capgemini

Jun 2014 - May 2015 (1 year)

SALT

Orange S.A., a French multinational telecommunications corporation employing about
170,000 people and has 263 million customers worldwide with revenue of €43.5 billion
headquartered in Paris.

Managing over 150 Databases. Installing and upgrading the Oracle Software.

Database creation. Complete user management & security (User creation, termination, roles &
responsibilities, privileges).

Creating objects, tables, indexes, table partitions etc.

Backup & Recover (Data pump & RMAN).

Refreshing Databases from production to lower environments.

Education

Silicon Institute of Technology (SIT), Bhubaneswar

B.Tech

City College
Intermediate

Skills

Kubernetes • Amazon Web Services (AWS) • Microsoft Azure • Terraform • Docker Products • Python (Programming Language) • Jenkins • Ansible • Google Cloud Platform (GCP) • Automation