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**PROFESSIONAL SUMMARY:**

* Experienced Cloud/DevOps Engineer with 9+ years of IT experience.
* Proficient in AWS and Azure, with skills in IAM, EC2, S3, VPC, ECS, Lambda, Route 53, and more.
* Skilled in CI/CD pipeline setup using Jenkins, Maven, Nexus, GitHub, CHEF, Terraform, and AWS.
* Expertise in ELK stack (Elastic Search, Logstash, Kibana) setup and log analysis on AWS.
* Proficient in infrastructure as code (IaC) using Terraform and ARM Templates.
* Strong database experience with AWS RDS and S3.
* Extensive experience in cloud automation, including OpenStack, Puppet, Maven, Jenkins, Chef, SVN, and GitHub.
* Knowledgeable in Docker and Kubernetes for containerization.
* Skilled in Ruby scripting with Chef, Jenkins, Splunk, Puppet, and Docker.
* Proficient in build automation tools like ANT, Maven, Gradle.
* Experienced in 24x7 on-call support and documentation.
* Specialized in AWS services, high availability, security, and automation.
* Proficient in Python and shell scripting for automation.
* Worked with Harness for deployment and pipeline automation
* Familiar with Puppet, Chef, Ansible, and Jenkins for configuration management.
* Expertise in CI/CD with Jenkins and containerization with Docker and Kubernetes.
* Experienced with Vagrant, Nexus, and Artifactory.
* Skilled in shell scripting and monitoring tools like Nagios.
* Knowledgeable in SDLC, Agile, and Waterfall methodologies.
* Familiar with JIRA for bug tracking.
* Experience with Apache Tomcat, Nginx, and Google Cloud Platform.
* Capable in handling AWS, OpenStack, VPC peering, and network migrations.
* Proficient in AWS services such as EC2, S3, RDS, EKS, and Elasticache.
* Skilled in EC2 instance management and AWS resource provisioning.

**EDUCATION:**

St. Francis college for women’s in Begumpet, Hyderabad

Bachelors in electronics, 2013

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating System** | UNIX, Linux – RedHat/Centos/Ubuntu, Solaris, Microsoft Windows |
| **Cloud Technologies** | AWS, Azure and, Google Cloud. |
| **Scripting Language** | UNIX Shell Scripting (bash), Ruby, Python. |
| **Web Technologies** | JavaScript, Servlet, HTML, JSON |
| **Networking** | TCP/IP, NIS, NFS, DNS, DHCP, WAN, SNMP, SMTP, HTTP, LAN, FTP/TFTP, SCP, F5 (GTM/LTM). |
| **Monitoring Tools** | Wily, Splunk and, Apdinamics, Dynatrace.AWS Cloud Watch, and ELK |
| **CI/CD Tools** | Bamboo, GitLab and, Jenkins, Bamboo, TeamCity, rundeck, Travis CI. |
| **Automation Tools** | Ansible, Chef, Docker, Puppet, kubernetes, Maven, Terraform and, Salt Stack. |
| **Repositories** | Git, GitHub, Nexus, Repository. |
| **Ticketing Tools** | Service now, JIRA, BMC Remedy. |
| **Bug Tracking Tools** | Jira, Remedy, BMC IT Service Management and ITSM |
| **Version Control** | Subversion, Git, GitHub, and Bitbucket |

**Certification -**

**Amazon web services**

AWS Certified Cloud Practitioner **Issued in April 2023**

**Professional Experience:**

**Verizon, Dallas TX Sept 2021 – Present**

**Sr. DevOps Engineer**

**Responsibilities:**

* Profound understanding of cloud computing platforms, specializing in Microsoft Azure and Amazon Web Services (AWS).
* Hands-on experience with a wide range of AWS services, including EC2, IAM, S3, Lambda, CloudWatch, Redshift, Dynamo DB, SNS, SQS, SES, EMR, Elastic Beanstalk, Elasticache, VPC, EKS, ELB, RDS, EBS, and Route 53.
* Proficient in Linux technology services management, including design, installation, upgrades, and maintenance.
* Skilled in scripting using Bash, Ruby, and Python for automation processes across Linux and Windows platforms, with a focus on GIT.
* Expertise in Jenkins configuration for continuous integration and pipeline setup to support continuous delivery.
* Strong advocate for workflow automation and streamlining manual processes.
* Extensive experience in database systems, including SQL Server, Oracle, MySQL, and MemSQL.
* Proficient in containerization and orchestration tools such as Docker and Kubernetes.
* Familiarity with Azure services like Virtual Machines, Cloud Services, Resource Groups, Express Route, VPN, Load Balancing, Azure Web Apps, and Azure Storage.
* Experience in designing and maintaining containerized microservices on Microsoft Azure.
* Proficiency in using Atlassian products like Confluence, JIRA, and Bamboo.
* Knowledge of managing OpenShift clusters and utilizing Golang for microservices development.
* Hands-on experience with Groovy scripting for Cassandra analysis and automation.
* Proficient in creating Azure Service Catalog products and implementing Azure Multi-Factor Authentication.
* Expertise in Golang for developing microservices and REST APIs.
* Familiarity with GCP services like Compute Engine, Cloud Load Balancing, Cloud Storage, Cloud SQL, Stack driver Monitoring, and Cloud Deployment Manager.
* Additionally, managed GCP services such as Compute Engine, Cloud Load Balancing, Cloud Storage, Cloud SQL, and Stack driver for monitoring. Implemented failover and auto-scaling mechanisms for critical applications using HA Proxy/Nginx for Load Balancing within GCP. Established monitoring solutions to track uptime and performance across all production systems through GCP Stack driver.
* Experience with Azure Data Factory (ADF) V2, ADF Data Flows, Azure Databricks, SQLDB, SQLDW, ADLS Gen 2, and Azure DevOps for version control.
* Deployment model using Atlassian tools, Jenkins, and container orchestration tools like OpenShift on AWS EC2.
* Experience with work across a variety of environments and platforms, have excellent follow-up skills and provide detailed documentation.
* Responsible for design and maintenance of the GIT Repositories and the access control strategies.
* Experience with monitoring tools Grafana, Cloud Watch to monitor the built-in metrics. To get system-wide visibility into resource utilization, application performance, and operational health.
* Collaborate with cloud teams to ensure customer satisfaction and drive product improvements.
* Provides on-call support as an escalation point from level 2 Operations team.
* Strong problem-solving and troubleshooting skills.

**Environment:** AWS, Kubernetes, Ansible, Maven, Jenkins, Confluence, Jira, Git, GitHub, Argo, Druid, Nagios Build and Deploy process and policies, Spring Framework, LINUX Shell scripting, python, JavaScript, Ansible, Lambda, New Relic, SVN, AWS CLI, Confidential AWS, JBoss, Puppet, Kafka, Oracle, MS SQL Server, MySQL, MemSQL, PostgreSQL.

**Visa, Austin TX April 2017 – August 2021**

**AWS DevOps Engineer**

**Responsibilities:**

* Worked on AWS services EC2, IAM, S3, Lambda, CloudWatch, Redshift, Dynamo DB, SNS, SQS, SES, EMR, Elastic Bean stalk, Elasticache, VPC, EKS, ELB, RDS, EBS and Route 53. Configuring and Networking of Virtual Private Cloud (VPC), Cloud Front, Route53. Knowledge on AWS API Gateway for custom domain and Record sets in Amazon Route53 for applications hosted in AWS Environment.
* Managed SonarQube administration, fine-tuning code quality checks, and developing custom Sonar APIs for improved code quality.
* Created Terra form modules for two tier Architecture which includes AWS resources VPC, Subnets, Security groups, Ec2, Load Balancers, Auto scaling group, Cloud watch Alarms, EKS, ECS clusters, S3 buckets for logs.
* Deploy, maintain, and improve performance over containerized application in EKS.
* Implemented Site Reliability principles within applications and platforms to ensure high availability and performance.
* Demonstrated expertise in white and black box monitoring, setting up service level objectives, alerting, and telemetry collection using Grafana, Dynatrace, Prometheus, and other tools.
* Utilized Harness for continuous delivery and Test Automation to achieve 90% test coverage and faster release cycles.
* Deployed a Helm charts for containerized version of application running on-premise, deployed it to EKS Kubernetes.
* Experience performing operations like storing, retrieving, and managing the data as needed using ELK.
* Leveraged Amazon Web Services through AWS console and API Integration Performed all necessary day-to-day Subversion/GIT support for different projects.
* Configuring and Networking of Virtual Private Cloud (VPC) Written Cloud formation templates and deployed AWS resources using it.
* Extensive experience with configuration management tools Chef with AWS Ops Works, Elastic Beanstalk and then launch, scale Docker containers in production using Apache Mesos and Marathon and/or configuration management automation.
* Wrote many Ansible playbooks which is the entry point for Ansible provisioning, where the automation is defined through tasks using YAML format. Run Ansible Scripts to provision Dev servers.
* Optimized volumes in EC2 instances & created VPC's and instances in Multi Availability Zones.
* Implemented EC2 backup strategies by creating EBS snapshots and attaching the volume to EC2 instances.
* Experience with monitoring tools Grafana, Cloud Watch to monitor the build-in metrics. To get system-wide visibility into resource utilization, application performance, and operational health.
* Implemented tools such as Kubernetes with Docker to assist with auto-scaling, continuous integration, rolling updates with no downtime.
* Developed shell scripts (Bash), Ruby, Python for setting up baselines, branching, merging, and automation processes across the environments using GIT on Linux and windows platforms.
* Configured Jenkins for continuous integration, fast feedback, and Jenkins Pipeline to support implementing and integrating continuous delivery pipelines in Jenkins.
* Responsible for design and maintenance of the GIT Repositories and the access control strategies.
* Using Kubernetes and automated application deployments and updates and orchestrated deployment. Automate provisioning and repetitive tasks using Terraform and Python, Docker container, Service Orchestration.
* Used Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers.
* Created and maintained the Python deployment scripts for the Web Sphere web application server.
* Developed Perl and Shell, Yaml scripts for automation of the build and release process.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Conceived, designed, installed, and implemented Chef configuration management system and performed CI/CD with Jenkins.
* Hands on experience on Terraform a tool for building, changing, and versioning infrastructure safely and efficiently.
* Update Jenkins pipelines and OpenShift templates to make use of the new environment.
* Manage automation playbooks and documentation related to OpenShift.
* Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
* Used Ansible in our deployment process and migrating in-house systems to Amazon Cloud Services for Development environment.
* Migrated corporate Linux servers from physical servers to Amazon AWS virtual servers.
* Replaced existing manual deployment and management processes with Ansible and AWS stacks across 4 product platforms.
* Experience working with Splunk for machine data for identifying data patterns, providing metrics, diagnosing problems, and providing intelligence for business operations.
* Built end-end CI/CD Pipelines in Jenkins to retrieve code, compile applications, perform tests and push build artifacts to Apache Tomcat & Nginx server.
* Created and managed development (Dev), quality assurance (QA), user acceptance test (UAT), performance testing (PT), production (PROD) and disaster recovery (DR) environments and each environment has close to 10 instances having separate VPC per environment.
* Resolved update, merge, and password authentication issues in JIRA.
* Developed & Supported tools for integration, automated testing & Release.

**Environment:** AWS (EC2, S3, Route 53, EBS, EKS, Security Group, Auto Scaling, and RDS) Chef, Docker, Kubernetes, Ansible, Maven, Jenkins, ANT, Confluence, Jira, Nagios Build and Deploy process and policies, Spring Framework, LINUX Shell scripting, python, Selenium, Splunk, JavaScript, Ansible, Lambda, New Relic, SVN, AWS CLI, Confidential AWS, JBoss, Puppet.

**Medtronic, Minneapolis, MN August 2015 – March 2017**

**AWS/Azure DevOps Engineer**

**Responsibilities:**

* Manage Amazon Redshift clusters such as launching the cluster and specifying the node type as well.
* Expertise in managing AWS cloud resources EC2, S3, EBS, VPC, ELB, RDS, Elastic beanstalk, Elasticache, Cloud Watch and IAM.
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and configuring launched instances with respect to specific applications.
* Wrote Templates for AWS infrastructure as a code using Terraform and Python to build staging and production environments.
* Migrated out core repository from Sub Version to GIT ensuring that health of our builds without affecting.
* Created and deployed Cloud Formation templates for automation and to create custom sized VPC, subnets, NAT to ensure successful deployment of Web applications and database templates.
* Built end-end CI/CD Pipelines using Azure to retrieve code, compile applications, perform tests and push.
* container replicas onto a node cluster using Kubernetes and worked with building Kubernetes run time environment of the CI/CD system to build, test and deploy in an open-source platform.
* Hands-on in using OpenShift for container orchestration with Kubernetes, container storage, automation, to enhance container platform multi-tenancy.
* Utilized postman for testing and documenting APIs, ensuring seamless integration.
* Configured Elasticsearch, Logstash and Kibana (ELK) for log analytics, full-text search, application monitoring in integration with AWS Lambda and CloudWatch.
* Experience working with ELK for performing data related functionalities like storage, retrieval of data, build artifacts to Apache Tomcat.
* Designing and implementing fully automated server build management, monitoring and deployment by using Chef.
* Experience in handling Azure Storage, Blob Storage, File Storage, Setting up of Azure CDN and load balancers.
* Designed chef cookbooks to manage configurations and automate the installation process.
* Experience with container-based deployments using Docker, working with Docker images, Docker hub and Docker registries, installing and configuring Kubernetes and clustering them.
* Scheduling, deploying and managing sorting, and data analysis.
* Deployment and management of web services with Tomcat and JBOSS provided end-user straining for all Tortoise SVN, JIRA, Confluence and Bitbucket users to effectively use the tool.
* Created alarms in CloudWatch service for monitoring the server's performance, CPU Utilization, disk usage, maintained user accounts IAM, RDS, and Route53 services in AWS Cloud.
* Worked on OpenShift for container orchestration with Kubernetes container storage, automation to enhance container platform multi-tenancy also worked on with Kubernetes architecture and design troubleshooting issues and multi-regional deployment models and patterns for large-scale applications.
* Installed, configured the web servers like HTTP Web Server, Apache Web Server, and WebSphere Application Server on Red Hat Linux.

**Environment:** AWS, Azure, Cloud Watch, Elastic Beanstalk, Elasticache, IAM, Linux, Ubuntu, Terraform, Python, Cloud Formation, Json, Ruby, Perl, Shell, Bash, CI/CD, Chef, Git, GitHub, Jenkins, Docker, Kubernetes, OpenStack, Tomcat, JBOSS, SVN, JIRA, Confluence, HTTP, SSH.

**HSBC financial, Hyderabad, India June 2013 – December 2014**

**DevOps Engineer**

**Responsibilities**

* Primary duties include Build and Deployment of applications onto different environments like Development, QA, UAT and Production.
* Experience in deploying Docker Engines in Virtualized Platforms for containerization of multiple applications.
* After completion of the scripts, development and process setup executed the builds and deployments to all above environments based on weekly scheduled build calendar.
* Automated the tasks using Python/Bash scripting and wrote Shell Script programs for Integrating with the Jenkins job and performing tasks and used Jira to track issues and change management.
* Used Shell Scripting (Bash), Ruby and Python based scripts for merging, branching, and automating the processes across the environments.
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, S3, Glacier, ELB (Load Balancers) and EBS etc.
* Maintained Build Related scripts developed in ANT, Maven, Python and Shell. Modified build Configuration files including Maven build.xml.
* Created Python Scripts to Automate AWS services which include web servers, ELB, CloudFront Distribution, database, EC2 and database security groups, S3 bucket and application configuration, this Script creates stacks, single servers or joins web servers to stacks.
* Worked on creation of Docker containers and Docker consoles for managing the application life cycle.
* Used Docker as a new level of simplicity to defining and creating applications or services by encapsulating them in containers.
* Experience in Configuration Management Tools like Chef for automation of infrastructure related components and applications like Tomcat/Apache/Nagios, Jenkins, SSH and Yum repo server configurations.

**Environment:** DevOps, Nagios, Oracle DB, MySQL, Apache, Jira, Linux Virtual machines, VMware, New Relic, RHEL, Perl Scripting, Python, Jenkins, Docker, S3, ELB, Kubernetes, Solaris, Spring Framework, OpenStack, SonarQube, Hibernate, Git, SVN.