Hemalatha Komatineni
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PROFESSIONAL SUMMARY:

- Having total 5.6 years of experience in IT industry and 4 years in AWS Devops in Tata Consultancy Services.
- Experience in **AWS cloud** services like **IAM, EC2, VPC, S3, RDS, SNS, Cloudwatch, AMI, Route53, ELB, Autoscaling, EFS, Lambda.**
- Experience in setup /managing Linux servers on Amazon Cloud .
- Experience in secure/setup/managing **VPC, Subnets** make connection between different zones.
- Experience in secure/setup/managing Databases on **Amazon RDS**. Monitoring servers through Amazon Cloud Watch, SNS.
- Experience in creating/managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS).
- Manage and configure AWS services as per the business needs (**ELB, SNS, EC2, Route 53, S3, RDS, Cloud Watch, IAM, and VPC).**
- Experience in backup and recovery of RDS instances.
- Experience in configuring topics for email and SMS in AWS simple notification services.
- Strong experience in Amazon EC2 setting up instances, VPCs, and security groups.
- Experience in securing and setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.
- Experience on creating **AMI** (AWS Machine Images) that utilizes **ELB** (Elastic Load Balancer) and **Auto Scaling.**
- Experience in creating alarms in Cloud watch service for monitoring the server performance.
- Implemented, deployed and maintained cloud infrastructure using AWS.
- Installed and Setup Web Servers (Apache), DB Server (MySQL).
- Experience in managing **DNS** Records.
- Experience in orchestration tools like **Terraform**. Created multiple terraform modules to manage configurations, applications, services and automate test services.
- Having knowledge on Configuration Management tools like **Ansible**.
- Experience in Automation using **Ansible**. Developing **playbooks** and push to the Ansible server.
- Extensively worked on **Jenkins** by installing, configuring and maintaining for the purpose of **continuous integration (CI)** and for End to End automation for all build and deployments.
- Good knowledge in **CI (Continuous Integration) and CD (Continuous Deployment)** methodologies.
- Experience in installing and managing **Jenkins** for CI and Sharing Artifacts respectively within the company.

- Experience in version control tool **Git**.
- Experience in containerisation tool **Docker**.
- Container orchestration using **Kubernetes**. Installing and designing Kubernetes clusters, running jobs.
- Having knowledge in automation of **Kubernetes** activities using **CI/CD pipelines**, templates and scripting.
- Implemented **CI/CD pipeline** for application deployment using tools like **Git, Jenkins, Docker, Kubernetes, Maven.**
- Excellent communication, team membership and relationship management skills.
- Continuous interaction with clients, internal team and cross teams to ensure high productivity.
- Good analytical and communication skills backed by a rich understanding of technology and business processes.
- Good decision making skills and ability to produce results in deadline-driven environment.
- Recipient of On Spot Awards for multiple Quarters and appreciation from clients and managers.

TECHNICAL SUMMARY:

Operating System	Windows, Linux
Cloud	AWS(IAM, EC2, VPC, S3, RDS, SNS, Cloudwatch, AMI, Route53, ELB, Autoscaling, EFS, Lambda)
Monitoring Tools	Cloudwatch
Cloud Management Tools	AWS, AWS CLI
Ticketing Tool	JIRA
Scripting Languages	Python, Shell
Version Control Tool	Git & Github
CI/CD Tool	Jenkins
Configuration Management Tool	Ansible
Containerisation Tools	Docker
Container Orchestration tool	Kubernetes
Orchestration Tool	Terraform
Application Server	Apache, Tomcat

PROFESSIONAL ENGAGEMENTS:

- Working as a Devops Engineer in TATA CONSULTANCY SERVICES from 2017 – Present

PROJECT PROFILE:

#1 Project Title	Pandora-OSS-Support
Duration	May 2018 - Jun 2019
Role	Assistant Systems Engineer
Tools	Airflow, Manual Testing
Decsription	Pandora is a company which had it's website that sells jewellery related things for customers

#2 Project Title	Nielsen
Duration	Jul 2019 - May 2021
Role	Devops Engineer
Environment	Agile, Linux, AWS
Scripting language	Shell(bash), Python
Tools	AWS, Ansible, Git, Jenkins, Terraform
Decsription	The Nielsen Company employs advanced data collection methodologies and measurement science to help businesses turn new and traditional sources of data into customer intelligence to better manage their brands, launch and grow product portfolios, optimize their media mix and establish meaningful customer relationships.

#3 Project Title	United Services Automobile Association
Duration	Jun 2021 - Present
Role	Devops Engineer
Environment	Agile, Linux, AWS
Scripting language	Shell(bash), Python
Tools	AWS, Ansible, Git, Jenkins, Terraform, Docker, Kubernetes
Description	United Services Automobile Association is an American based organization which offers insurance, banking and investing to the people who serves or served in the United States Armed Forces. It is a web-based application which can be accessed from desktop and mobile devices and provides various discounts.

TECHNICAL EXPERTISE:

- Creating servers, **AMIs, storage blocks in S3, taking snapshots, VPCs, subnets, load balancing and auto-scaling in AWS.**
- Configured Cloud watch alerts.
- Created support case with AWS for any critical issues and follow-up.

- Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management
- Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux) and configuring the servers for specified applications using Jenkins
- Setup and launch Amazon Linux EC2 instances, network interface with Elastic IP's.
- Configured and managing security groups and VPC.
- Configured and managing ELBs. Created RDS database.
- Configured and managing S3 storage. Backup & Restoration.
- Created AMI images of the critical ec2 instance as backup using AWS CLI and GUI.
- Monitoring & Metrics - Using Amazon Cloud watch, monitor infrastructure and applications such as EBS, EC2, ELB, and S3.
- Created multiple **terraform** modules to manage configurations, applications, services and automate test services.
- Experience in **GIT** and **Jenkins** Continuous Integration of Server–Installation, Configuration, Design and Administration, and integrating these tools with other systems.
- Implemented **CI/CD** pipeline for application deployment using tools like **Git, Jenkins, Docker, Kubernetes, Maven.**
- Installation and configuration of Git, merging code from develop branch to master branch and make it ready for deployment.
- Pushing Code from Git to nexus make available for release through automation script using **Jenkins**.
- Deploy, configure and manage test runtime environments.
- Involved in Deployment of the application using **Tomcat**.
- Set up Master – Adding Slave Nodes in Jenkins platform for build and optimized build time.
- Developed **Ansible** Playbooks for Creating infrastructure and install required software.
- Experience in containerisation tool **Docker**.
- Container orchestration using **Kubernetes**. Installing and designing Kubernetes clusters, running jobs and deploying pods.
- Installing and configuring **Jenkins**. Building, distributing, and parameterizing the builds.
- Written the **Ansible YAML** scripts to configure the remote servers.
- Managing and maintaining **Kubernetes** infrastructure and Architecture.
- Responsible for creating customized multistage builds for reducing image size.
- Configuration and support of Kubernetes Container Platform
- Knowledge in automation of Kubernetes activities using **CI/CD** pipelines, templates and scripting.

EDUCATIONIONAL DETAILS:

- Btech(IT) from RVR & JC College of Engineering, Guntur during 2013-2017.

PERSONAL PROFILE:

Name   : Hemalatha Komatineni
DOB   : 07th May 1996
Gender   : Female

DECLARATION:

I hereby declare that all the information provided above is true to the best of my knowledge.

Hemalatha Komatineni