BAVATHARANI SHANMUGAM

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Professional Summary

Having an overall 4 years of Experience in IT and 2 years of experience in Implementing Organization **DevOps** strategy in various environments of **Linux** and **windows** servers along with adopting cloud strategies based on **Amazon Web Services**. Equipped with the knowledge in supporting, automating and optimizing mission critical deployments in AWS, leveraging configuration management, SCM, CI/CD and application monitoring skills.

- **Passionate to work in the field of Cloud and DevOps Technologies.**
- Creating AWS Infrastructure using **Terraform**
- Expert in **AWS** cloud technology
- Exceptional ability to quickly master new concepts and technologies. Involved in doing multiple POCs in AWS Services.
- Designed, configured, and managed public/private cloud infrastructures utilizing **Amazon Web Services.**
- Working as Cloud Administrator on AWS, involved in configuring **virtual machines, storage accounts, Log Analytics.**
- Remote login to **Virtual Machines** to troubleshoot, monitor and deploy applications.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to **network interfaces (NICs), VMs and subnets.**
- Backup, Configure and Restore AWS Virtual Machine using AWS Backup
- AWS including EC2, Auto-Scaling in launching EC2 instances, Elastic Load Balancer, S3, Cloud Front, RDS, VPC, Route53, Cloud Watch, IAM, SNS.
- Experienced in creating Amazon EC2 instances and setting up security groups
- Configured Elastic Load Balancers with EC2 Auto Scaling groups
- Optimized volumes and EC2 instances & Created multi AZ VPC instances.
- Creating snapshots and Amazon machine images (AMIs) of the instances for backup and creating clone instances.
- Monitoring applications logs using Cloud Trail by integrating S3 and SNS services in AWS and Splunk.
- Proficient in Linux (Ubuntu) and Windows Operating systems
- Knowledge (SCM) in Agile and Waterfall methodologies.
- Experience in working on version control tools **Git** and used source code management client tools like **GitHub**.
- Strong knowledge and experience in creating **Jenkins Continuous Integration (CI)** pipelines.
- Experience in Deploying Apache Tomcat web server
- Cloud for flexible, cost-effective, reliable, scalable, high-performance, and secured.
- Well knowledge in **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies with Jenkins.
- Quick learner with an ability to rapidly achieve organizational integration.

Skills

Cloud Technologies: AWS
Operating Systems: Linux, windows
Scripting languages: Shell Scripting
Configuration Management: Ansible
CI/CD Tools: Jenkins
Version Control Systems: GIT
Web/Application Servers: Apache, Tomcat
Infrastructure as code: Terraform

Project: Zoetis

Skills: AWS Cloud Admin (From 17th January 2020 to till date)
Zoetis Inc. is the world's largest producer of medicine and vaccinations for pets and
livestock. Worked as a cloud DevOps engineer and involved in deploying various applications on AWS.

Responsibilities:

- Major focus is on Configuration, SCM, Build/Release Management, Infrastructure as a code (IAC) and as AWS DevOps operations Production and cross platform environments.
- Worked on GIT to maintain source code in Git and GitHub repositories
- Responsible for setting rules in NSGs and making necessary modifications based on requirement.
- Proactively monitored VM backup failures and retriggered them.
- Restored VMs from latest available backups in case of disasters.
- Remote login to Virtual Machines to troubleshooting network related issues.
- Prepared templates for easy deployment of new servers on to respective environments.
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins.
- Managing day to day activity of the cloud environment, supporting development teams with their requirements.
- Successfully managed concurrent deliverables on time and with quality in fast-paced environment and under deadlines.

Project: Lumen

Skills: Telecom Networking

Project Description:
Lumen is one of the leading and largest Telecom Company in the US. CenturyLink Enterprise
Business provides products and services around Network, Cloud, Security, Voice, and
Managed Services to enterprise customers. Lumen's Network services include SD WAN,
MPLS/IPVPN, Hybrid WAN, Ethernet, Internet Access, Wavelength services, Private Lines.
Services include: Cloud, Infrastructure, Web Application, Email, and Web Security. The
company also provides Analytics and Threat Management, Risk and Compliance support.
Infosys is handling major part of Service Activations and maintenance.

Responsibilities:
- Worked on various processes ranging from Install of services and making required changes on Existing Services Network Services.
- I have handled a team of 10 resources in Service Activations.
- Monitoring the requests and assignment to team.
- Have very good Client communication and smoothly transitioned various processes.
- Very good at reporting stuff and resource management.
- Escalating customer problems to management and support groups utilizing standard escalation model.
- Creation of SOWs and process documents.

Academic Qualifications

Qualification	Institute	University / Board	Year	Percentage
B.Sc. (IT)	Hindusthan College of Arts and Science	Bharathiyar University, Coimbatore	2015-2017	75%
Higher Secondary School	Thamarai Metric Higher Secondary School	State board, Tamilnadu	2013-2014	84%
SSC	SSV Higher Secondary School	State board, Tamilnadu	2012	87%

Certifications and Training

- Certified in **AWS Cloud Native**

Awards and Recognitions

- Rated as **Outstanding Performer** for the last two years.
- Nominated as **Integration Partner** on 2021.
- Received an **Appreciation on Gracias** to keep up the good work. (2021)
- Awarded as **Most Valuable Player** for the year 2019.
- Been a part of Team, which was awarded as **Best Team** couple of times.

Declaration:

I hereby declare that the details furnished above are true to the best of my knowledge.

Place: Kodumudi
Date: