



Selvanathan U

AWS Certified Cloud Computing DevOps Engineer

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Overview:

An enthusiastic highly skilled AWS DevOps Engineer with 10+ years of experience in designing, deploying, and managing AWS cloud solutions. Proficient in automation, configuration management, and containerization technologies such as Ansible, Terraform, Docker, and Kubernetes. Strong expertise in building CI/CD pipelines using tools such as Jenkins, Github, and CodePipeline. Proven ability to develop and maintain infrastructure as code using CloudFormation and Terraform. Experienced in monitoring and log analysis using tools as New relic. Excellent problem-solving skills with a track record of delivering reliable and scalable solutions. Passionate about learning and staying up-to-date with the latest technologies and industry trends.

Key Skills:

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|----------------------------|---------------------------------|------------------------------|
| A. Cloud Computing AWS | B. Containerization with Docker | C. Scripting with Python |
| D. Code Stack Git, Git Hub | E. Building with Maven | F. Orchestration with K8 |
| G. CI with Jenkins | H. Middleware with Tomcat | I. Provisioning with Ansible |

Employment History:

SRS COMPUTERS, Chennai, - AWS DEVOPS Engg

July 2019 to till date

Role & Responsibilities: Handling BFSI Customers and

- Preparing project charter, and acquiring approval from the Program / Portfolio Manager.
- Create and maintain fully automated CI/CD pipelines for code deployment.
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches, and scaling.
- Used Ansible for Configuration Management and having good knowledge of Chef& Puppet.
- Automated build and deployment using Jenkins to reduce human error and speedup production processes.
- Managed GitHub repositories and permissions, including branching and tagging.
- Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using Dockers warm.
- Moderate exposure of Python Technologies.
- Works on AWS Services but Mainly Concentrated on: EC2 (ELB, AUTO SCALING, EBS), VPC, IAM.
- Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious ip/subnet via ACL.
- Setup/Managing CDN on Amazon Cloud Front to improve site performance. Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS).

- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Implemented and maintained continuous integration and deployment pipelines using tools such as Jenkins, GitLab, and CodePipeline.
- Developed infrastructure as code using tools such as Terraform and CloudFormation to automate the deployment of AWS resources.
- Managed and maintained Kubernetes clusters for container orchestration and deployment.
- Configured and managed monitoring and logging systems using tools such as CloudWatch, ELK Stack, and Prometheus.
- Collaborated with development teams to ensure that software is built, tested, and deployed efficiently and securely.
- Implemented and managed configuration management tools such as Ansible and Puppet to ensure consistency across infrastructure.
- Maintained and improved existing infrastructure to ensure scalability, reliability, and security.
- Developed and maintained disaster recovery plans and participated in periodic disaster recovery exercises.
- Conducted security assessments and implemented security best practices to protect systems and data.
- Participated in on-call rotation to provide 24/7 support for production systems.

White Water Waves, Chennai, - Senior System Engineer

Oct 2015 to June 2019

- Associated with a team to provide High level support SME for the business users from Australian client as a Team Leader.
- Deployed, configured, and managed AWS services such as EC2, S3, RDS, and Route 53.
- Monitored and maintained the health and performance of AWS resources using tools such as CloudWatch and CloudTrail.
- Designed and implemented backup and disaster recovery strategies for AWS resources.
- Maintained and improved AWS security by implementing security best practices, IAM policies, and SSL certificates.
- Designed and implemented scalable and highly available architectures for AWS applications.
- Collaborated with development teams to design, deploy, and manage AWS resources for applications.
- Created and maintained AWS infrastructure as code using tools such as Terraform and CloudFormation.
- Conducted cost optimization analysis and implemented cost-saving measures for AWS resources.
- Provided technical support to end-users and resolved AWS-related issues.
- Participated in on-call rotation to provide 24/7 support for AWS resources.

White Water Waves, Chennai, - System Engineer L1

Dec 2011 to Oct 2015

- Built configured and desktop computers.
- Provided 24/7 support for variety of IT issues, ensuring SLA's are achieved.
- Diagnosed faults and repaired network servers.

- Provided telephone and email-based IT support, walking clients through how to solve system issues.
- Diagnosed and repaired hardware and software issues including replacing defective components when applicable.
- Maintained several computer networks and related environments including hardware, system software and application software.
- Recommended changes to improve systems and network configuration.
- Escalated issues to second and third-line support where necessary.
- Use of a variety of troubleshooting methods and systems to resolve client issues.

Training & Certification:

Certified AWS Solution Architect - Associate
ITIL Foundation certified

Academic:

Krishnasamy College of Engineering and Technology
UG: BE (Electrical and Electronics Engineering) - Anna University 2010
Padalesuwarar polytechnic college
Diploma: Electrical and Electronics Engineering - DOTE 2006
Sri Padaleswarar hr. Sec School
SSLC: From TN Board- 2002

Personal Details:

Nationality:	Indian
Marital Status:	Married
Date of Birth:	
Interests:	Chess/ Cricket & Football.