

Saimon J

AWS DevOps Engineer

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OBJECTIVE

To obtain a position in an organization where I can contribute the acquired experience, knowledge, and skills, to strive and excel in whatever job I undertake, thereby growing consistently and contributing to the main objectives of the organization while being resourceful, innovative, and flexible.

SUMMARY

- AWS DevOps Engineer with 3 years of experience in designing, developing, and implementing continuous integration and deployment pipelines for large-scale applications. Expertise in cloud computing, automation, and infrastructure management. Proven ability to work in a collaborative environment and deliver results within tight deadlines.
- Proficient in Malayalam, English, Tamil and able to read, write, and speak
- Strong experience in writing and updating the technical documents daily with the changes made to the existing environment daily.
- Proven experience in deploying web applications as a part of a deployment team.
- Capable of performing in a fast paced, result driven atmosphere

TECHNICAL SKILLS

- **Clouds:** AWS, IAM, S3, VPC, EC2, S3Glacier, CloudWatch, Cloudtrail, Lambda, Route53, SNS, SQS, EFS, EBS, Auto Scaling, ELB, RDS, Internet Gateways, Firewalls, ECS, EKS, ECR
- **Operating Systems:** Mac, Windows XP,7,10,11, Linux
- **Database:** RDS, Dynamo
- **Programming Languages:** C, C++, JAVA, SQL, Python
- **Scripting Language:** YAML, Bash, Groovy
- **Microsoft Programs:** MS Word, MS PowerPoint, MS Excel, Outlook, MS Teams
- **DevOps:** Ansible, Terraform, Kubernetes, Docker, ECS, EKS, ECR, GIT, GitHub
- **CI/CD Tools:** Jenkins
- **Network:** Subnets, CIDR (Classless Inter-Domain Routing), IPV4, IPV6, Knowledge of working of route and switch, Knowledge of TCP/IP and OSI Model (Open Systems Interconnection Model) and layers

PROFESSIONAL EXPERIENCE

AWS DevOps Engineer,

Harman Connected Services,

Bangalore, India,

Duration – Oct.2020 - Current

- Experience in AWS Cloud Administration which includes services like: IAM, EC2, S3, EBS, VPC, ELB, Auto-scaling, SNS, SQS, SES, Route53, EFS, Cloud Watch, Cloud Trail, Cloud Front, Cloud Formation, RDS, Lambda, API GATEWAY, AWS Backup, Aws systems manager
- EC2: Launching and configuring EC2 instance using AMI's (Linux). Creating and attaching Elastic IP to EC2 instance. Installing and configuring Apache/Nginx webserver in Linux. Managing Security groups for the EC2

instance.

- S3: Creating folders and storing files in S3 bucket. Creating lifecycle in S3. S3 bucket versioning, Replication, Server access logging.
- EBS: Mounting new EBS volumes to Linux instances. Creating snapshots. Increasing EBS volume storage.
- Cloud Front: Creating cloud front delivery network and Cloud Formation: Basic understanding of using code as infrastructure
- VPC: Managing VPC, Subnets, Route Tables, Internet gateway• ELB: Configuration of Elastic load balancers and auto scaling groups to distribute the traffic in a cost efficient, fault tolerant and highly available environment and NAT gateway. Blocking Suspicious IP via Network ACL, Endpoint, Peering connection and Transit gateway.
- ELB: Configuration of Elastic load balancers and auto scaling groups to distribute the traffic in a cost efficient, fault tolerant and highly available environment.
- Cloud Front: Creating cloud front delivery network, Cloud Formation for Basic understanding of using code as infrastructure and RDS: Created and configured MySQL Databases with RDS.
- Cloud watch: Setup and installing Cloud watch. Configuring alarms for CPU utilization. Configuring event notification using Event Bridge. Monitoring health Checks for instances.
- Experience in creating, maintaining and cleanup the containers on Dockers
- Created Micro services applications with integrations to AWS services by using Amazon EKS, while providing access to the full suite of Kubernetes functionality.
- Worked in Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers
- Worked on the architecture for building Kubernetes clusters using AWS Cloud Formation Templates (CFT) and Terraform modules for EKS, configured cluster of worker nodes on Amazon EC2 instances configured
- Worked with Terraform for automating VPCs, ELBs, security groups, SQS queues, S3 buckets, and continuing to replace the rest of our infrastructure.
- Maintained automated CI/CD pipeline – Jenkins (Groovy), Docker, Kubernetes

CERTIFICATIONS

- Python Master Programming at Udemy

EDUCATION

- Bachelor of Computer Science (2017-2020)
Bharathiar University
- HIGHER SECONDARY (2015-2017)
G.H.S.S.School, Sreemadurai
- SSLC (2014-2015)
G.H.S.S.School, Sreemadurai

DECLARATION

I declare that the information provided in this resume is true and accurate to the best of my knowledge.

Place:

Date:

Saimon J