


Sandesh Keshav Pawaskar

ME Computer Engineering

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OBJECTIVE

- Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.



AWS CLOUD ENGINEER

- Around 3.7 years of Professional experience in Cloud Domain, with demonstration knowledge of AWS Admin and DevOps Implementation.



WORK EXPERIENCE

- Around 3.7 years of extensive experience with Capgemini (Payroll Company Exocoetus Software Pvt Ltd) as Cloud Devops Engineer.



PROFILE SUMMARY

- Hands-on understanding of wide range of AWS services to design and implement AWS infrastructure as per application requirements.
- Experience in working with AWS Services like EC2, VPC, IAM, S3, ELB, Auto Scaling Groups (ASG), RDS, Cloud Formation, Lambda Cloud Watch, SNS, Cloud Trail, Cloud Front and Route53, Athena, AWS SSM.
- IAM Account management with IAM Users, Group, Policies and Roles for Granular Access Permissions.
- IAM User management with Single Sign On and Assigning Permissions Sets to users and Groups.
- Creation of S3 buckets with utilization of Bucket Policy and configuring Lifecycle Policy of data in S3 Buckets, Enable S3 Bucket Versioning.
- Setup and Configure AWS CICD using Code Commit, Code Build, Code Deploy and Code Pipeline.
- Hands-on experience in writing IAC Templates and deploying stacks with AWS Cloud Formation as per SDLC Environment.
- Hands on experience to create Docker Image Build and Push Pipeline to Amazon Elastic Container Registry using AWS Code Commit and AWS Code Build.
- Following best practices in Source Control System like Github/Code Commit to enable DevOps Culture.
- Configure, monitor and automate Cloud Services as well as involved in deploying the cloud platform infrastructure on Amazon Web Services using CICD Services as per SDLC Environment.
- Deployment of Serverless Services in AWS using SAM Cloud Formation Templates.
- Testing and execution of Docker Images using Dockerfile.
- Hands on Experience in installation and configuration management using Ansible.
- Understanding knowledge on Kubernetes environment.
- Configure Events using Cloud Watch and sending Alert Notifications on various Events as a custom readable notification using Lambda and SNS.
- IAM Federation, AWS SSO Service.
- Experience in working as Cloud Devops Engineer in AWS Infrastructure Environment.
- Good understanding of ITIL lifecycles and processes (Jira Ticketing tool, Github issues)

- Repeated success directing IT projects from inception to execution, strategically allocating resources and delegating tasks to achieve on-time, on-budget delivery.



ACADEMIC BACKGROUND

Masters (Computer Engineering)

SPPU,Pune
Pune
Maharashtra

Graduated, October 2016

CGPA 7.38
First Class

Bachelor (Computer Engineering)

Mumbai University
Sindhudurg
Maharashtra

Graduated; July 2011

Marks 64%
First Class



TECHNICAL SKILLS

- **AWS Services:** EC2, VPC, IAM, S3, RDS, Cloud Trail, Cloud Watch, Cloud Front , Athena, Route 53, KMS, Cloud Formation, Lambda, SNS, SSO
- **Operating Systems:** Amazon Linux, Ubuntu
- **Database:** MySQL
- **Scripting Language:** Bash, Python.
- **DevOps Tools:** CodeBuild, CodeDeploy, CodePipeline.
- **Source Code Management:** Github, AWS CodeCommit.
- **Configuration Management:** Ansible
- **Container Platform:** Docker, Kubernetes
- **Ticketing Tool:** Jira, Github Issues.



PROFESSIONAL EXPERIENCE

Project Experience: 2.5 Years

Project 1

Role: AWS Administrator

Environment: AWS EC2, S3, IAM, VPC, CloudWatch, CloudTrail, Linux

Project Description: Administration of existing resources in the AWS Account, Design and implement a scalable application on AWS Cloud.

Roles and Responsibilities:

- Creation of Virtual Private Cloud with Public, Private Subnets, VPC Endpoints in AWS for S3, and launching application resources in the VPC.
- Querying Cloudtrail Logs using Athena to find account information insights.
- Enable VPC Flow Logs to analyze Network Traffic in the AWS Instances using Athena.
 - Athena: CloudTrail Logs, VPC Flow Logs, ELB logs, S3 access logs.
- Experience in setting up Launch configurations, Auto Scaling, Load Balancers to provide high availability to EC2 machines.
- Configuring Bastion servers/Jump servers in public subnets to have ssh connection to Private Subnet Servers.
- Managing IAM service to administrator AWS resources effective creation of user accounts, assign granular access permissions
- AWS System Manager for centralized management of EC2 instances, and responsible for implementation and ongoing administration of AWS services.
- Configure the Data Lifecycle Manager Policy for EBS Volume for Snapshot creation.
- Configure CloudWatch Alarms and Metrics for various services as per success or failures to enable Graph in CloudWatch Dashboard.

- Granular access for AWS Services with IAM policies and Limit access to AWS Console to IAM users by creating and assigning appropriate policies.
- Identify and troubleshoot issues in AWS Services.
- Setup custom alert notifications using Serverless Services like EventBridge, Lambda, SNS.
- Custom Metrics setup to monitor Application Logs in CloudWatch
- Good understanding in creating domain names in AWS and also created alias record sets to provide alias names for load balancers DNS name.
- Good understanding of IAM Federation Access to AWS Accounts, AWS SSO.

Project Experience: 1.2 Year

Project 2

Role: AWS DevOps Engineer

Environment: EC2, Github, Lambda, IAM, S3, CloudWatch, RDS, CodeBuild, CodeDeploy, CodePipeline

Project Description:

- IAC Automation of Application Infrastructure Creation using AWS CICD to have infra Stacks in CloudFormation
- Automation of Application Deployment using Github, CodeBuild and CodeDeploy Jobs.
- Orchestration of CICD using CodePipeline.

Roles and Responsibilities:

- Infrastructure provisioning of Application and Networking Resources using CloudFormation.
- Github Repository permissions management for Branching and Merging strategy.
- Design and implement Git Best Practices for Branching, Merging Strategies, Tagging, Code review and PR.
- Creating CodePipeline Jobs as per SDLC Environment and setup Automated CloudWatch Trigger.
- AWS Secrets Manager/ SSM parameter Store.



PERSONAL INFORMATION

Date of Birth	: 26 th July 1989
Gender	: Male
Marital Status	: Married
Nationality	: Indian
Languages known	: English, Hindi, Marathi.

Declaration

I, Sandesh Keshav Pawaskar, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Yours Faithfully

Mr.Sandesh Keshav Pawaskar

Pune, Maharashtra