**DevOps Engineer**

RAJEEV KUMAR

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**OBJECTIVE:**

Looking for a challenging career in the IT industry to utilize my technical and analytical skills. Getting the best of the exposure and good working environment where my efforts can contribute towards the organization growth.

**CURRENT ROLE:**

Working with **Jobsforher Restart Portal Pvt Ltd**, as a **DevOps Engineer** since **May 2019.**

**PROFESSIONAL SUMMARY:**

* Having 4.5 years’ experience in IT Industry as DevOps Engineer.
* Hands on experience with Configuration Management Tools such as Ansible.
* Hands experience on Amazon EC2 cloud deployments using DevOps tools like Ansible.
* Having experience in creating custom Docker Images using Dockerfile.
* Experience in working on Source Control tools like GIT.
* Hands-on experience with code coverage tools like SonarQube.
* Extensive working knowledge on design and implementation of VPC.
* Extensive working knowledge on IAM for Identity on Access Management.
* Create and configure S3 bucket with restricted policies.
* Working knowledge on creation of custom AMIs.
* Working experience in taking snapshots of the EBS volumes.
* Hands on experience in usage of ECS (EC2 Container Services) for Container Management.
* Working knowledge of setting up CDN using CloudFront and S3.
* Working knowledge of Python, Boto3 and Shell Scripting.
* Good presentation, customer support and troubleshooting skills & experience in providing 24x7 support. Hands on experience in AWS Cloud Services.
* Extensive working experience in AGILE environment and have a Full understanding of SDLC and process.
* Good Analytical, Problem Solving, Communication Skills and have the ability to work either independently with little or no supervision or as a member of a team.

**EDUCATION QUALIFICATIONS:**

Completed **PG-Diploma** in **Mobile Computing** from **“Central for Development of Advanced Computing”** Knowledge Park Bangalore in **Feb 2016.**

Completed **B.TECH(CS)** from **“Invertis University”** Bareilly UP in **2015.**

**PROFESSIONAL EXPERIENCE:**

Worked as a **DevOps Engineer** in **A&H Infotech India Pvt Ltd**, Bangalore from June 2016 to till April 2019.

Working as a **DevOps Engineer** in **Jobsforher Restart Portal Pvt Ltd,** Bangalore from May 2019 to till date. I’m the only person who handles all the server infrastructure, logging, security etc in the current organization.

**A&H Infotech India Pvt Ltd Bangalore June 2016 to April 2019:**

**Project: SME CloudOps**

**Client: Sony Music Entertainment, USA**

**Roles & Responsibilities:**

* Password less authentication and identity management on Linux servers using SSH-Keygen.
* Setup Dev, Stage and Prod environments for every sprint using Ansible.
* Design and implement Security using VPC, IAM, Security Groups and NACL.
* Contributing in the DevOps team to maintain and build out our infrastructure and servers currently operating on AWS platforms.
* Automating all manual tasks of deployment, monitoring, log rotation, collection.
* Building from the ground up reliable infrastructure services in AWS to deliver highly scalable service.
* Supporting the teams and maintenance of the production and non-production environments.
* Troubleshoot and resolve issues related to application deployment and operations.
* Working with a cross functional, geographically distributed team to provide 24X7 deployment support across multiple environments.
* Participation in project meetings with other technical staff and business owners and subject matter experts.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using Jenkins Pipeline.
* Performed necessary day-to-day GIT support for different projects.
* Writing Ansible playbooks to automate deployments to various environments.
* Implement CIS AWS Foundations Benchmark controls across all AWS accounts and business units.
* Created Docker files for easier replication of DEV, QA Environments in local machines.
* Write the Lambda functions to take the snapshots of instances and volumes as backup.
* Configure and manage ELBs and S3 storage, backups and restoring.
* Hands on experience of Lambda configuration and implementation.
* Tagging of all services using python and boto3.
* Having knowledge about SQL database queries.
* Hands on experience of Amazon web services: EC2, ELB, EBS, Snapshots, AMIs, Auto Scaling, Security Groups, NACLs, VPC, IAM, KMS, WAF, ELK, S3, CloudWatch, RDS, Glacier, Route 53, SES, SNS, SQS, CloudTrail, DirectConnect, CloudFront, AWS Config, AWS GuardDuty, AWS Inspector, Trusted Advisor, AWS Certificate Manager, Athena.
* Installation and configuration of Trend Micro Deep Security (TMDS), Qualys Agent, Alert Logic and Datadog on EC2 instances.
* Working experience of monitoring tools Datadog and PagerDuty.
* Hands on experience on ticketing tool JIRA.

**Jobsforher Restart Portal Pvt Ltd, Bangalore (May 2019 to till date):**

**Project: JFH DevOps**

**Roles and responsibilities:**

* Responsible for infrastructure setup on AWS for staging & Live websites.
* Planning, Designing, Commissioning & Managing websites for customers.
* Maintaining 99% uptime with the help of tools.
* Working closely with developers to resolve issues.
* Setup/Managing services in AWS (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM Roles etc.).
* Setup/Managing VPC, subnets, make connections between different zones, blocking suspicious ip/subnet via NACL.
* Setting/Managing up RDS instances and creating their Read Replica (Slave) server.
* Designing WAF rules that met security needs and making the application less attacks.
* Designing strict IAM policies for users to get desired access.
* Using Lamda scripts and Cloudwatch events to monitor resources and important URLs.
* Complete monitoring setup using CloudWatch for EC2, RDS.
* Provisioning cloud-based environments with CloudFormation.
* Copying S3 data from one bucket to another bucket using python Lambda.
* Sending AWS resources details over the email with help of boto3, python, shell and Lambda.
* Get notification with the help of Lambda, if any EBS volume is unused.
* Hands experience of AWS API Gateway with Lambda.
* Creation of Linux Users and enable MFA for them.
* Rotation of IAM access & secret keys.
* Terminate unwanted EC2 server with a backup plan, and optimization of EC2 servers.
* Deleted unused EBS volumes after checking their data.
* Implementation of CI/CD with Jenkins and Docker.
* Hands on experience of Nginx.
* Hands on experience of installation and configuration certificates (ACM, Let’s Encrypt)
* Knowledge of Zabbix monitoring tool to monitor the AWS services alarms.
* Knowledge of Shorewall service which acts like a firewall on servers.
* Hands on experience of version control systems BitBucket and GitHub.
* Working experience of ticketing system Asana.