### **Shruthi K**

### **AWS & DevOps Engineer**

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### **CAREER OBJECTIVE:**

### To secure a responsible career opportunity to fully utilize my training and skills and to expand my learnings and knowledge while making a significant contribution to the success of the company.

### WORK EXPERIENCE:

### Having total of **4** Years of experience in IT industry which are classified as below:

### **4** Years of experience **in Flatirons Solutions** which are classified as below:

### **4** Years of experience **as AWS & DevOps Engineer**

### Having good exposure in **AWS Cloud, DevOps tools, UNIX, SQL**

### Knowledge all phase of **SDLC** including Production Support, Migration, Testing and Implementation.

### Experience of good client interaction and to deal with their requirements.

### TECHNICAL SKILLS & EXPERTISE:

| **Cloud** | **Amazon Web Services** |
| --- | --- |
| Databases | RDS, MySQL, Oracle |
| IDE | Visual Studio, SQL Developer, Monitoring |
| Monitoring Tools | Prometheus grafana, AWS CloudWatch |
| Configuration Management Tools | Ansible, Terraform |
| Version Management Tools | GIT |
| Container Orchestration Tools | Kubernetes |
| Integration Tools | Jenkins |
| Build Tools | Maven |
| Code Quality | Sonarqube |
| Docker Image Repository | Nexus, Docker Hub,ECR |
| Operating System | Linux, Ubuntu, Windows |
| Databases | MS SQL (AWS RDS) |
| Web Server | Apache, Tomcat |
| Application Server | JBOSS 5.1, JBOSS 6.1.1, Weblogic, Websphere |
| Languages Known | Python, SQL |

### PROJECTS UNDERTAKEN:

### Project # 1:

### **Client : MGM Healthcare**

### **Team size : 3**

### **Role : AWS & DevOps Engineer**

### **Duration : 2 Years**

### **Responsibilities:**

### Setup/Managing Linux Servers/ Windows server / Ubuntu servers on Amazon EC2.

### Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon CloudWatch, SNS.

### Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.

### Uses **Terraform** for creating new infrastructure or to modify an existing infrastructure (Infra as a code)

### Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)

### Used **Ansible** to do configuration and to automate deployments

### Maintain system availability as per multiple Service Level Agreements (SLA).

### Worked on creating Kubernetes cluster from end to end.

### Managing the services within AWS and global IT infrastructure.

### Manage and configure AWS services as per the business needs (ELB, Route53, S3, CloudWatch, IAM, VPC)

### Handling L1 and L2 level issues, involved in the client calls, done several deployments, Client handling and resolving the tickets.

### Worked on Pod Creation and managing Containers

### Implemented continuous delivery pipeline involving **Jenkins**, **Ansible** to complete the automation from commit to deployment

### Assisted developers with establishing and applying appropriate branching, labeling convection's using **GIT** source control

### Implemented and supported CI process via **Jenkins**

### Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and **Code Quality Analysis Tools** like **SonarQube**

### Hands on working experience on Web Server (**Apache**), Application Servers (**Tomcat, JBoss**), DB Server (**MySQL**)

### Documented the entire installation process for various tools and provided on-call support.

### Project # 2:

### **Client : Genisys**

### **Team size : 2**

### **Role : AWS & DevOps Engineer**

### **Duration : 2 Years**

### **Responsibilities**:

### Manage and configure AWS services as per the business needs (AWS Lambda, SQS, CloudFront, EC2, ELB, RDS, S3, IAM)

### From last 10 months, I was involved in **Migration Project from On-Prem VMs to AWS**.

### Automated the environment creation (VPC Setup) using **Terraform**.

### Have a basic understanding of Kubernetes architecture.

### Strong ability to troubleshoot any issues generated while building, deploying and in production support and schedule and run tasks in background using Crontab.

### Experienced in creating complex IAM policies, Roles and user management for access within AWS.

### Experienced in creating complex caching and routing policies with content delivery network (CDN) using CloudFront to improve the page speed.

### Implemented the setup for master slave architecture to improve the performance of Jenkins.

### Experience with build tools Maven for writing pom.xml for new applications and improvising the existing build scripts.

### Supported Dev team with troubleshooting build failures and Artifactory repository maintenance in Nexus Artifactory.

### Knowledge of Configuration management tool, Ansible to deploy critical applications, automates repetitive tasks and proactively manages changes.

### Created, modified and customized playbook modules to fit in infrastructure requirements.

### Monitoring AWS resources & set up notification alarm in case of trouble through Cloud Watch.

### Created volumes and attach volumes on to EC2 instances.

### Experience in setting up the security groups to associated EC2 instances in the VPC.

### Provided periodic feedback of status and scheduling issues to the management

### Setup Monitoring tool to Monitor Production Servers logs using **Splunk**

### PERSONALINFORMATION:

### Father’s Name : xxxxx

### Gender : xxxx

### Nationality : xxxx

### Religion : xxx

### Date of birth : xxxxxxxxx

### Marital Status : xxxxxxxx

### Languages Known :xxxxxxxxxxxxxx

### Permanent Address : xxxxxxxxxxxxxxxxxxxxxxxx

### I declare that the information and facts stated herein are true and correct to the best of my knowledge.

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