***NAVEEN***

*Devops Engineer*

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**Career Objective:**

To pursue a position to utilize my skills and abilities in an organization that offers ample opportunities to grow technically while being innovative, resourceful and flexible long-term career in a healthy work-environment organization, where I am looking for a quality assurance work, challenging to my skills & experience and scope for learning as well as enhancing skill to move upward. Looking forward to challenging position as the consultant and apply my experience, development and marketing power of the organization’s Product and increasing their market value.

# **Professional Summary:**

* Having over4+ Years of hands on IT experience prioritizing **AWS**&**DevOps** and involved in Automation of Configuration Management, Security, build/release management, Cloud Resource Utilization, Infrastructure Automation and Linux administration.
* Proficient in **DevOps** culture through **CI/CD** tools like **Jenkins**, **Code Deploy**, **Code Pipeline**, Repo sand configuration management tools like **Chef**.
* Ability to architect and implement transition to **Docker** and develop distributed cloud system using **Kubernetes**.
* Automating the work by using basic **bashshell**scripting.
* Ability to make recommendations on how **AWS** solutions fit in the company architecture.
* Ability to develop/recommend solutions for faster data transfer between on premise and cloud instances or vice-versa.
* Implemented and provisioned **AWS** services. Hands on experience with services **like EC2, S3, ELB, RDS, SNS, SES, SQS, Cloud Front, Cloud Formation templates, DynamoDB and monitoring services like CloudWatch** etc.
* Hands on expertise with configuration management tools like **Chef.**
* Created several **Manifests, Play Books, and Cookbooks** to automate infrastructure maintenance & configuration.
* Good Experience in **Docker** like creating **Docker Images, Containers, tagging** and **pushing** to **Docker hub**
* Hands on experience in Ansible, Written Simple **AnsibleYAML** scripts to configure the servers
* Working for DevOps Platform team responsible for specialization areas related to **Ansible**
* Integral part of major agile transformation program, assisting supported applications to implement agile methodologies, supporting automation for code build, code analysis, automated testing and deployments
* Extensive experience on **Docker** containers infrastructure and Continuous Integration for building & deploying **Docker** containers.
* Working on Multiple **AWS** **EC2** instances, set the security groups, **ElasticLoadBalancer** and **AMIs**, **Autoscaling** to design cost effective, fault tolerant and highly available systems.
* Setup and build **AWS** infrastructure Development and Operations involving various AWS Cloud resources **VPC, EC2, S3, IAM, EBS, ELB, EBS, SES, Security Group, Auto Scaling, Elastic Cache**, **CloudFront, CloudWatch, SNS and RDS in Cloud Formation JSON** templates.
* Administered and Implemented CI tools Hudson and Jenkins for automated builds.
* Knowledge of **Chef** Best practices – Test Driven Development using **Chef**, **Databags**, Design Patterns for **cookbooks**.
* Applications on **Kubernetes** Cluster.
* Writing the Pod definition for deploying the application on **Kubernetes**and debugging the
* Issues occurred in Deployment.
* Writing **Docker files,** building images, running and maintaining the application in **Docker.**
* **Git**, bitbucket as source code repositories and Managed Git repositories for branching, merging,
* and tagging
* Expertise in Configuring, Managing and Scheduling **Crontabs** for App Accounts and Backup management on a regular basis.
* Worked with monitoring tools like **Nagios, New Relic, CloudWatch for** monitoring major metrics like Network packets, **CPUutilization**, **LoadBalancer** Latency.
* Working on containerization technologies like **Docker**.
* Installing and configuring Linux servers and other server components like **DNS, SMTP, DHCP**, **Samba** etc.
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**Professional Expertise:**

* Experienced in conducting design sessions to evolve system specifications and test plans with the ability to handle training sessions and documentation.
* Excellent problem resolution skills with ability to work under pressure in a highly visible role.
* Aptitude for analyzing, testing, debugging code, identifying problems and creating solutions.
* Excellent Time Management skills.
* Good Team Player with excellent communication skills.

**TECHINICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | **Windows, UNIX, LINUX, RHEL,** |
| **Cloud Technologies** | **AWS CLOUD** |
| **Code Version controls** | **GIT and GITHUB** |
| **CI Tools** | **Jenkins,** |
| **Deployment Tools** | **CHEF,ANSIBLE** |
| **Container & container Orchestration Tools** | **Docker, EC2 Container Services, Docker Container Services, Docker Swarm, Kubernetes.** |
| **Repositories** | **Nexus, Artifactory,Nexus IQ** |
| **Monitoring Systems** | **Nagios, New relic** |
| **Tracking tools** | **Jira, Service Now** |
| **Application Servers** | **Apache Tomcat, JBOSS** |
| **Databases** | **MY SQL** |

**Professional Experience:**

**Working in Infosys Limited**

**Bangalore from july 2021 to till date**

**Worked in IBM India Pvt Ltd.**

**Bangalore from June -2019 to july 2021**

**Designation: System Administrator**

**Atos Global IT Solutions and services Pvt Ltd.**

**Bangalore from August -2016 to June- 2019**

**Designation: System Administrator**

**JOB RESPONSIBILITIES:**

* Created custom resources and Libraries with attributes generated through Ohai in **Chef**. Managed Nodes, Environments, Recipes, Cookbooks Roles, **Data bags**, run list for configuration automation and management.
* Installing and configuring applications on **AWS EC2** Instances.
* distributed **Jenkins** and**Elasticsearch**, Kibana and Logstash (**ELK**&**EFK**) etc.
* Worked with automation of OS builds and application installations through **Chef**, worked with plugins in **Nagios** for application and Hardware monitoring resources.
* Working with **JIRA** to track project defects and tasks and Created **Crontabs** scripts for scheduled jobs.
* Written **Ansible Playbooks** to make the configuration changes, Written various Roles that
* contain different playbooks with configuration details, Knowledge of Ansible Vault.
* Experience on developing cookbooks for software installation and configuration of customer
* infrastructures, Knowledge of Knife, **OHAI**,**Cookbooks**, roles, environment, Data Bags, Search
* Working with **VPC/ Subnetting /Rout Tables/VPC peering**
* Designed **Jenkins** pipeline as code with complete **CI/CD** automation.
* Designed and implemented **git**-**flow** strategy and incorporates in **CI** Automation and enforced in the pipeline.
* Worked on various issues troubleshooting the issues across the firm.
* Supported infrastructure as code using **Ansible** configuration management tool.
* Supported on various application like **javascaledb.** development support.
* Monitoring the application logs using **elk** stack (**Elasticsearch**, **LogstashKibana**).
* Designing, Installing and Implementing **Ansible** configuration management system and in writing playbooks for Ansible and deploying applications.
* **Kubernetes** orchestration: Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure.
* Following Agile methodology to development and perform testing the cloud connect service application.
* Experience with Configuration Management and Desired State (**Chef, Puppet, Ansible**).
* Used the Application Server Admin (**JBOSS/ Tomcat)** to Manage the systems remotely using **Ansible & Chef**  and using Linux.
* Ensured appropriate quality controls and approvals were in place prior to code promotions, tracking and documenting all release changes.
* Setup/Managing Databases on Amazon RDS. Monitoring servers thorough **AmazonCloudWatch**, **SNS**.
* Creating **AWS** Instances and Resources Bills

**Environment & Tools:Linux, Chef, Jenkins, Docker, Kubernetes, Nagios, Artifactory, GIT, AWS Cloud Formation, RDS, Red hat, Linux/Unix, RDS, EC-2, AMI, Route 53, S3, shell Scripts, ELK, Lambda and Cloud Watch, Auto Scaling, RHEL.**

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**Designation: System Administrator**

* Handled security for business-critical apps and high availability applications. Worked with Security Groups, Nagios, encryption, CloudWatch, Multi Factor Authentication etc.
* Setting up user environment according to their profiles and roles.
* Assisting in basic troubleshooting of OS level issues like unexpected reboot, system down, user login problems.
* Troubleshoot Linux including crash dump analysis.
* Resolve and escalate trouble tickets.
* Perform day-to-day systems administration tasks, user management, file system maintenance, backup/recovery and monitoring.
* Create and maintain detailed documentation include processes and procedures.
* Solving the trouble tickets as assigned.
* Log Analysis, Maintaining Documents of production server log's reports and server's list.
* Install and configure **Ubuntu**, **Centos** on remote servers and Desktop servers.
* Installation of patches and packages using **RPM** and **YUM** in R**ed hat Linux**.
* Installed and configured **Apache/Tomcat web server.**
* Created and modified users and groups with **SUDO** permission.
* Working with developers to load software onto Linux Enterprise servers and also debugging Scripts.
* Set up and administer user and groups accounts, setting permissions for users.
* Diagnosed and resolved problems associated **with DNS, DHCP, VPN, NFS, and Apache**.
* Creation and administration of Virtual Machines using VMware and virtual box.
* Monitored and managed various **DEV, QA and PRE-PROD, PROD** environments for production and deployment activities. Identified cross functional dependencies through monitoring and tracking release milestones.
* Experienced in installing, configuring, modifying, testing and deploying applications on **Apache Webserver, Nginx and Application** servers such as **Tomcat, JBoss**.
* Expertise in configuring and administering **NFS, DNS, Open LDAP, DHCP** in heterogeneous environments.
* Worked as a **Linux/Unix** system Administration for System Builds, Server Builds, Installations, Upgrades, Patches, Migration and Trouble shooting.
* Competent with server maintenance and installations of various **Debian& Red Hat** family distributions like; **Ubuntu, Centos & Fedora.** on various hardware platforms.

**Environment Tools**: **AWS-CloudWatch, S3, EC2, IAM, AMI, ELB, Auto-scaling, VPC, Docker, Docker Marathon, Jenkins, Git, GitHub, Nagios, Ruby, Shell scripts**, **Bash.**