**Name Name**

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**Professional Summary:**

* Around 4+ years of IT industry experience in **Linux/Unix administration, DevOps** which includes a strong experience in the areas of Monitoring, Configuration Management, Build, Deploy, and Automating using different tools.
* Administered Linux RedHat, CentOS 6.x and 7 servers by testing, tuning, upgrading, patching and troubleshooting both physical & virtual server problems.
* Having experience in the design and implementation of **CI/CD** and DevOps processes for **Agile** projects.
* Experienced in working on several Docker components like **Docker Engine, Docker Hub,** and Docker Registry Created and managed a **Docker deployment pipeline** for custom application images in the cloud using Jenkins.
* Setup **load balancing** on Multiple ISP, Firewall, Port forwarding, IP routing using **IPTABLES.**
* Experience in working with different build automation tools like **Jenkins** and **Maven** to achieve End-to-End Automation and Responsible for installing Jenkins master and slave nodes.
* Monitoring apps servers using **ELK - Elasticsearch, Logstash** and **Kibana** for debug and logging.
* Experienced in monitoring servers using **ELK, Cloud watch,** **Nagios** and **Splunk.**
* Administered tasks like taking **backups, expanding file system disk space, creating NFS mounts.**
* Hands on experience in Azure cloud services, Azure storage, Azure active directory.
* Troubleshoot issues related to Azure VM.
* Experienced in **shell scripting** using **Bash and python** to automate system administration jobs.
* Worked with **Ansible playbooks** for virtual and physical instance provisioning, configuration management, patching and software deployment.
* Good skills in **Linux Shell/Python scripting**.
* Creating new instances in AWS environment. Used **IAM** to create new accounts, roles and groups.
* Good Knowledge on **AWS Cloud Services**, (EC2, S3, ELB, CloudWatch, RDS, IAM, VPC) and managing security groups on AWS.
* Excellent experience in documenting and automating the build and release process.
* Experience working Data Center’s managing servers, SAN and NAS devices like HP, Cisco, EMC and HDS devices.
* Having strong problem solving, and debugging and interpersonal skills with excellent understanding of system development metrics, techniques and tools
* Highly adaptable in quickly changing technical environments with excellent organizational and analytical skills and always inclined to learn new technologies.
* Excellent communication and presentation skills, with ability to work independently as well as in a team environment.

**Technical Skills:**

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| --- | --- |
| **Platforms** | Linux and UNIX, iOS, Windows |
| **OS Administration** | RedHat 5.X 6.X, 7.X Linux administration, Solaris 9, 10. |
| **Scripting Tools** | Bash, Python, Power Shell |
| **Version Control tools** | Subversion, GIT, Bitbucket. |
| **Build/Automation Tools** | Jenkins, Docker, Nexus, Artifactory, Ansible, Rancher. |
| **Networking** | DNS, DHCP, TCP/IP, SMTP, LDAP |
| **Web Servers** | Tomcat, JBoss, Apache, Nginx. |

**Client: IMI Mobile, xxxxxxxxx, IN. May xxxx to Present**

**Role: Devops Engineer.**

**Responsibilities:**

* Deploying the scalable & high available web solutions in AWS cloud infrastructure using the **EC2, Auto Scaling**, and **Elastic Load Balancer**.
* Coordination with different development teams in fixing the bugs for both the application and infra tools environment.
* Experience with monitoring tools like **Amazon Cloud watch** to monitor major metrics like Network packets, CPU utilization.
* Deployed Containerization using **Docker** Container and Orchestration using Elastic Cluster Service ( AWS ECS)
* Configured Cloud watch to monitor server health and take automated actions.
* Setup **Cloud Trail** in order to use it for Audit and Governance purposes.
* Designing, implementing and supporting Continuous Integration and Delivery processes (**CI & CD**)
* Worked on Configuration management tools like **Ansible**.
* Working with AWS services like **ELB, ALB, VPC, Route53, Auto Scaling, IAM, ECS, EC2, S3**.
* Expertise in Incident Management, Change Management, handling Incidents
* Good Exposure to EFS for collecting Application logs from different systems
* Actively involve during production deployment, DB Patching and change activities
* Working on IAM roles and policies, attaching the roles to EC2 as per the business need.
* Involved in creating CR (Change request), getting approval from required team, presenting CR in CAB and completing the change activities before SLA' send date.
* Handled Root Cause Analysis (RCA) on various grounds in the process and interpretation and analysis of the data
* Creating branches and tags on Git repository and provided braches access permission to dev team.
* Monitoring log files on timely basis to take proactive step for issues found during the smooth running of the application.
* Troubleshooting application related issues by log verification.
* Extensive knowledge in troubleshooting builds, deployment, configuration problems in development, QA and production environments.

**Environment:** EC2, S3,Route53, VPC, Auto Scaling**,** GIT, Docker, Jenkins, ELK, Ansible, Zabbix, CloudWatch, Shell Scripting, Apache Tomcat.

**RoseIT corp**

**Client: CISCO Systems, CA Oct xxxx to May xxxx**

**Role: AWS Devops Engineer (Blockchain Technology)**

**Responsibilities:**

* Used Amazon **IAM** tool and created groups & permissions for users to work collaboratively.
* Managed network security using **Load balancer, Auto-scaling, Security groups** and **NACL**.
* Worked on Various AWS services like EC2, IAM, **Cloud watch**, **RDS**, **Route53**, **S3**, SNS.
* Used AWS CLI command line client and management console to interact with AWS resources and APIs.
* Experience with terraform to manage infrastructure on **AWS cloud** platforms.
* Developed **Terraform** scripts which integrates numerous services on AWS like **VPC**, subnets, **ALB**, security groups and EC2 instances for different computational needs.
* Implemented continuous delivery pipe line using **Docker** and **Jenkins**.
* Managed virtual **Linux** and windows servers on AWS EC2.
* Involved in building VM images using **packer** and **ansible**
* Created and maintained different environments in **Rancher** for development, testing and deployment.
* Monitoring **Jenkins** jobs/Build & Release pipelines and helping the developers to find the root cause for the failures and troubleshooting the issues.
* Good understanding of different **Blockchain** technologies and various consensus protocols.
* Involved in discussions of enterprise-wide R&D and POC projects, including **CI/CD** adoption, **PAAS** cloud migration, version control system modernization, **Blockchain** technologies evaluation.
* Involved in deployment of Blockchain technology for the supply chain team.
* **MongoDB** cluster deployments and configure using Terraform.
* Focused on containerization and immutable infrastructure. **Docker** has been core to this experience, along with Kubernetes.
* Involved in design, implement and deploy VMs on AWS using **Terraform**
* Deployed **Rancher** environment on AWS using **terraform**.
* Worked with Rancher for deploying multiple stacks over the AWS environment using **docker-compose**.
* Responsible for Stack availability and overall health.
* Worked closely with developers to troubleshooting issues if necessary.

**Environment**: AWS, Terraform, GIT, Docker, Jenkins, Kubernetes, MongoDB, Ansible, Packer, CloudWatch, Shell Scripting, Python Scripting, Apache Tomcat.

**RoseIT corp**

**Client: Florida Power and Light, Westpalm beach, FL Aug xxxx to Sep xxxx**

**Role: Devops Engineer**

**Responsibilities:**

* Designed and implemented Continuous Integration and Continuous Deployment frameworks from code to deploy using Jenkins.
* Configuration and maintenance of common Linux applications such as **Apache, MySQL, NFS, DHCP, BIND, SSH,** and **SNMP.**
* Implemented and designed **AWS** virtual servers by **Ansible roles** to ensure deployment of web applications.
* Wrote **Ansible Playbooks** with **Python** SSH as the Wrapper to Manage Configurations of **Open Stack** Nodes and Test Playbooks on AWS instances using Python.
* Implemented a production ready, load balanced, highly available, and fault tolerant **Kubernetes** infrastructure.
* Configured **etcd, kube-apiserver, kube-scheduler, kube-controller-manager** in **K8 Master** and as well as configured **docker, kubelet, kube-proxy, flannel** in K8 nodes.
* Baked the docker containers for many java based applications and deployed into the private docker registry (**Jfrog Artifactory**)
* Used Ansible to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Implementing a Continuous Delivery framework using **Jenkins, Ansible, Maven** & Nexus in **Linux** environment.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and automated the whole process.
* Installed, configured and managed the **ELK** (Elastic Search, Log Facilitated Scrum ceremonies like Sprint planning, retrospectives, Daily stand-ups Stash and **Kibana**) for Log management within EC2/ Elastic Load balancer (ELB) for Elastic search.
* Installed, Deployed **Red Hat Enterprise Linux** 6.x/7.x, CentOS and installation of packages and patches for Red Hat Linux Servers.
* Installed and Configured the **Nexus repository** manager for sharing the artifacts within the company.
* Deployed the rolling’s (downgrade/upgrade) applications inside the K8 cluster without downtime.
* Managed local deployments in **Kubernetes**, creating local cluster and deploying application containers.
* Supported and developed tools for integration, automated testing and release management.
* Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to the **Nexus** repository.
* Installed and configured monitoring tools **Nagios** for monitoring the network bandwidth and the hard drive status.
* Administer **CI/CD (Jenkins, Ansible)** tools stack administration and maintenance.
* Setup and Implement Continuous Integration and Continuous Delivery (**CI & CD**) Process stack using **AWS**, GITHUB/GIT, Jenkins and Ansible. Created branches, performed merges in version control systems Git.

**Environment:** AWS, EC2, S3, GIT, Subversion, Docker, Jenkins, Kubernetes, Maven, Ansible, Nagios, CloudWatch, Shell Scripting, Python Scripting, Apache Tomcat.

**RoseIT corp**

**Client: Gulf state LLC, Houston, TX Feb xxxx to Aug xxxx**

**Role: Linux admin/Devops Engineer**

**Responsibilities:**

* Responsible for the implementation, administration and maintenance of **REDHAT** Enterprise Linux
* Having a knowledge on Administering Continuous Integration and Continuous Delivery (**CI/CD**)
* Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all Build and deployments.
* Imported and managed multiple corporate applications into **Tortoise SVN** and implemented the setup for master slave architecture.
* Provided architecture assistance on Linux security initiatives.
* Having good troubleshooting skills and finding the Root Cause Analysis.
* Experience in **automation tools** to deploy across all servers.
* Network and infrastructure monitoring by using **Nagios**.
* Developed **shell scripts** for automation of the build and release process.
* Involved in Automation deployment team working with Puppet.
* Creating a list of Umask permission for various users and troubleshooting, Patching, Upgrades and Back-ups when required
* Configuring IP connectivity, routing, checkpoint firewall and network interfaces. Also maintaining network connectivity of servers.
* Experience in **Splunk**, which is used for indexing log files and viewing them by using Splunk Console.
* Deployed J2EE applications to the servers in an **Agile** continuous integration environment and also automated the whole process.
* Automated application deployment in the cloud using **Docker** technology using Elastic Container Service scheduler.
* Built a new CI pipeline. Testing and deployment automation with Docker, Jenkins, and Puppet.
* Experience in **Windows Azure** Microsoft's cloud-based application platform for developing, managing, and hosting applications off-site.
* Proficient Knowledge on various types of Azure Traffic Manager routing methods.
* Managing Users & Groups in Azure Active directory.
* Configuring Availability set, Scale set, Endpoints & Load balancing as per Business requirements.
* Created scripts in **Python** which integrated with Amazon API to control instance operations
* Used **JIRA** as ticket tracking and workflow tool.
* Interfaced with business analysts, developers and technical support to determine the best requirement specifications
* Worked closely with other team members to plan, design and develop robust solutions in a timely manner.

**Environment**: Tortoise SVN, Java/J2EE, Jenkins, OpenStack, Python, Chef, Perl, Shell Script, ANT, Maven, Hadoop, Cassandra, Tomcat, Nexus, JIRA.

**Client: ArcSoft, Fremont, CA Jun xxxx to Dec xxxx**

**Role: Jr. Linux Admin.**

**Responsibilities:**

* Scheduled jobs, managed system routine backup, enabled system logging and network logging, **Cron jobs** and network logging of servers for maintenance.
* Execute performance as advanced system administration, operational support and problem resolution for a large complex **Unix/Linux** computing environment, including both virtualized and physical servers.
* Installed and configured Logical Volume Manager - **LVM** and **RAID.**
* Configured various services, devices as well as applications of UNIX servers and worked with application team to customize the environment.
* Created user accounts, security, profiles, granted rights, managed disk space and process monitoring.
* Provided technical support by troubleshooting issues with various Servers on different platforms.
* Use **LDAP** to authenticate users in Apache and other user applications.
* Administered Linux servers for several functions including **Apache/Tomcat server**, mail server and MySQL databases in both development and production.
* Provided system administration support for Red Hat /CentOS Linux and physical servers
* Worked on version control using **GitHub** and on automating builds using **Jenkins.**
* Worked on programming languages **Java** and **python**.
* Created and maintained users, profiles, security, rights, disk space and process monitoring.

**Environment:** Red Hat Enterprise Linux, CentOS, Apache, Shell scripting, Git, LVM, LDAP