Salmankhan Pathan

DevOps/AWS Engineer

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SUMMARY:

Over 3 years of experience in IT industry comprising of Servers, Linux/Unix, CentOS and **AWS Cloud** and **DevOps Engineer** in automating, building, deploying, managing, releasing of code from one environment to other environment and deploying to servers. Looking for a Challenging position in the organization where my knowledge would make a significant contribution to the company's growth, which would enhance my skills.

- Experience in migrating On-Premise network to **Amazon Cloud Services,**and Private Clouds, using Cloud Formation templates, **AMI's and other AWS** resources.
- Experience in building high availability and highly fault tolerant redundant production and disaster recovery systems using best practices.
- Excellent communication, interpersonal, intuitive, analytical and leadership skills with ability to work efficiently in both independent and teamwork environments.
- Exposed to all aspects of **software development life cycle (SDLC)** such as analysis, planning, developing, testing, implementing and post-production analysis of the projects.
- Good experience in troubleshooting issues, working in team to achieve project goal
- Understanding of software development lifecycle and various methodologies, specifically **AGILE/SCRUM.**
- Extensive experience in studying existing infrastructure landscape, design cloud architecture, Proof of Concepts, design improvements, cost Estimation and implementation of **SERVERLESS AWS Cloud** Infrastructure recommending application migrations to public cloud.
- Expertise in Shell scripting for environment builds Automate deployment on Web Server and Application Servers.
- Experience in Private Cloud and Hybrid cloud configurations, patterns, and practices.
- Experience with container technologies **Docker,** basic of Kubernetes**.**
- Hands on experience with a broad range of **AWS Cloud Services like EC2, ELB, Auto Scaling, VPC, Route53, RDS, S3, IAM, SNS, SQS, AWS lambda and Cloud Watch**.
- Experience as a Linux Administrator with administration of **Middleware components such as NGINX, Tomcat, and Apache Web Server, LDAP Active Directory Server**.
- Strong knowledge of **GIT** and experience utilizing source control
- Extensively worked on Jenkins/Hudson by installing, configuring and maintaining for the purpose of **Continuous integration (CI) and Continuous deployment (CD) for End to End automation for all build and deployments.**
- In-depth understanding of the principles and best practices of **Software Configuration Management (SCM) processes**, which include compiling, packaging, deploying and Application configurations.

- Strong hands on development and configuration experience with software provisioning tool **Ansible**.
- Experienced in creating **IAM roles** for the instance to have the permission to send out the metrics to **Cloud Watch dashboard**.
- Experience in working with **Terraform** for automating **VPCs, ELBs, security groups, SQS queues, S3 buckets**, and continuing to replace the rest of our infrastructure.
- Experience of working with the release and deployment in **PHP/JAVA Web** applications environment.
- Good knowledge and experience in LAMP, PHP CodeIgniter, HTML 5, Bootstrap CSS/CSS3, Java Script, MySQL, Maria Db, Apache Web Services with Excellent code reviews and code, Debugging skills.

- Experience in Web Hosting like Go daddy, AWS, 1and1 IONS Web Hosting, Webmail Configure, Domain Manager.

- Knowledge of using various routed protocols like **FTP, SFTP, SSH, HTTP, TELNET, HTTPS and Connect direct.**
- Implemented multi-tier application provisioning in **Cloud integrating it with Docker.**
- Manage **Nagios High Availability** solution.
- Proficient in defining, communicating and fulfilling the project's goal and **breaking complex issues** into manageable parts.
- Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.

Technical Skills:

Platforms:	**Linux, Windows**
CI/CD Tools:	**Jenkins**
CM Tools:	**Ansible**
Project Management tool:	**Maven**
Code Analysis tools:	**SonarQube**
Web/Application Servers:	**Apache, Tomcat, Nginx**
Cloud Platforms:	**AWS**
Container Tools:	**Docker, Kubernetes**
Operating Systems:	**Ubuntu, CentOS, RedHat, Windows**
Version Control:	**GIT, GitHub.**
Databases:	**Oracle, Maria DB, MY SQL**

Client: VitelGlobal Communication

Role: Devops/AWS Engineer

Project: VOIP and ISP Customer Management

Payroll Company: Varun Technologies, Hyderabad

Responsibilities:

- Participated within an Agile/Scrum team, extensive hands on experience with quality assurance methods.
- Expertise in setting up project specific environment on Linux/Unix and Windows platform that involves CM branching, merging, labeling, Baseline and development work areas.
- Experienced in configuring **AWS Identity & Access Management (IAM)** by managing the user's new accounts and configure their roles, security and groups
- Good Understanding of technical as well as functional DevOps/ Prod Support
- Comprehensive experience in the design and implementation of **Continuous Integration, Continuous Deployment, Continuous Delivery and DevOps Operations for Agile projects, working with technologies and platforms including UNIX/Linux, Java, Git, Maven, Jenkins, Ansible, Chef, Puppet, Kubernetes, Docker, Tomcat.**
- Hands on experience in AWS provisioning of services like **EC2, S3, ELB, RDS, Auto scaling groups, Cloud Formation SNS, and SQS.**
- Administration of **Jenkins** server- Includes **Setup of Jenkins Master, Slave, Configure builds, and parameterized builds and deployment automation**.
- Experienced in Deployment strategies and the coordination of architecture changes for rapidly evolving project
- Deployed the Java applications into web application servers like Apache Tomcat. Performed all necessary day-to-day functions for the project like merging, creating branches and tags
- Worked with typical DevOps tools such as **Jenkins, Ansible, SonarQube, Maven,Docker**
- Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management.
- Demonstrated experience and understanding of general source control concepts: Branching, merging, tagging, labels.
- Experience in Implementing Continuous Delivery pipeline with **Docker, Maven, Ant, Jenkins and AWS**
- Amazon **IAM** service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of **AWS** IAM
- Worked on infrastructure with **Docker containerization**.
- Experience in working on several **Docker components** like **Docker Engine, Hub, Machine, creating Docker images, Compose, Docker Registry** and handling multiple images primarily for middleware installations and domain configurations
- Developed container support for cloud environments and Docker. Deployed the applications in Docker containers and managed the containers in enterprise level
- Troubleshoot various issues related to networking on Kubernetes cluster

<u>Educational Qualification</u>:

B-Tech in Information Technology (ECE) from SMCE, affiliated by JNTUK (2014-2018) with 6.7 CGPA.

DECLARATION

I do hereby declare that all the information written above is true to the best of my Knowledge and Belief.

Place: Guntur

Salmankhan Pathan