

Mohammed AbdulSaqib
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Designation: Sr. Cloud/DevOps Engineer



PROFESSIONAL SUMMARY

With 7 years of expertise in cloud and infrastructure technologies, I have a strong background in working with UNIX/LINUX, AWS, Azure, Kubernetes, Docker, Terraform, and related tools. I have hands-on experience in Azure, managing services such as Web Apps, SQL Database, Virtual Machines, and Active Directory, while also hosting and deploying workloads. My AWS skills include extensive work with services like EC2, S3, RDS, Lambda, VPC, CloudFormation, and autoscaling, along with automating AWS environment creation using Terraform. I have implemented cloud automation using AWS Lambda and CloudFormation, ensuring high-availability infrastructure and robust security. Additionally, I have experience deploying containerized applications with Docker, Kubernetes, OpenShift, and Docker Swarm, and configuring Jenkins pipelines for CI/CD automation. I have also worked with configuration management tools like Chef, Ansible, and Puppet for policy management in cloud environments. For log aggregation and monitoring, I integrated CloudWatch with the ELK stack (Elasticsearch, Logstash, Kibana), and I'm proficient in using scripting languages such as Bash, PowerShell, Python, Ruby, and Perl to automate deployment tasks. My expertise also includes performance monitoring with tools like Splunk and AppDynamics, along with troubleshooting application servers like WebLogic and Tomcat.

TECHNICAL SKILLS

Title	Tools Used
Cloud Environments	Microsoft Azure, Amazon Web Services, Pivotal Cloud Foundry, OpenStack
Configuration Management Tools	Ansible, Chef, Puppet
Build Tools	ANT, Maven, Gradle
CI/CD Tools	Jenkins, Bamboo.
Monitoring Tools	Splunk, CloudWatch, Elastic Search, Log Stash, Kibana (ELK), New Relic
Container Tools	Docker, Kubernetes.
Scripting Languages	Python, Shell (PowerShell/Bash), YAML, JSON, Perl,
Version Control Tools	GIT, SVN. Subversion, Bit Bucket .
Operating Systems	Windows, UNIX, RHEL, CentOS, Ubuntu.
Databases	SQL Server, MYSQL, Oracle, NoSQL, MongoDB.
Testing/Ticketing Tools	Jira, Selenium, SonarQube,
Web/Application Servers	Apache Tomcat, WebLogic, Oracle Application Server
Virtualization Tools	Oracle Virtual Box, VMWare, vSphere, ESXi, vCenter, Vagrant, Citrix

CERTIFICATIONS

- AWS Certified Developer Associate
- Basic Chef Fluency Badge

EDUCATION

- Master's in Computer Science
University of Cumberlands, KY 2016 -2018.

PROFESSIONAL EXPERIENCE

Accenture Federal Services, VA
Sr. AWS Cloud Engineer

Oct 13th, 2019 – Till now

Responsibilities:

- **AWS Application Deployment:** Designed and deployed large-scale applications using AWS resources with auto-scaling in AWS CloudFormation.
- **Infrastructure Management:** Architected and maintained secure, highly available multi-zone AWS infrastructure with Chef and Jenkins for CI.
- **Cloud Instance Management:** Developed cloud instances on AWS (Linux/Windows) with experience in Elastic IP, Security Groups, and VPC.
- **Network Security:** Managed network security using Load Balancers, Auto-Scaling, Security Groups, and NACLs.
- **Automated Instance Management:** Created a Python script with Lambda and CloudWatch Scheduler to stop instances with specific tags nightly.
- **Splunk Monitoring:** Installed and configured Splunk for monitoring EC2 instances, automated with Puppet for index creation and report generation.
- **Configuration Management:** Used Chef for configuration management of AWS instances and VPC network setup.
- **Kubernetes & Microservices:** Set up Kubernetes clusters for microservices, with automation via Ansible Playbooks.
- **Docker & Containerization:** Created Docker images, managed container snapshots, and volumes for a containerized infrastructure, focusing on Docker and Kubernetes.

Kaiser Permanente- Oakland, CA
Cloud Engineer

Feb '19th 2019- Sep '20th 2019

Responsibilities:

- Involving in various **aspects** and **phases** of **Designing** and **implementing solutions** in **IT infrastructure** with emphasis on **Azure cloud** and **hybrid solutions**.
- Managed **Jenkins** for monitoring and **building CI/CD pipeline** using Git as source code management.
- Hands-on experience in using tools like **Docker Compose, Kubernetes** etc., for orchestrating, linking, and deploying the services related to the containers.
- Created Gateway for **API, KONG APIGateway**, have written **Bash Script** for Gateway.
- Worked on **Docker**containers, debugging the errors.
- Hands-on experience in using tools like **Docker Compose, Kubernetes** etc., for orchestrating, linking, and deploying the services related to the containers.
- Created **Docker images** using a **Docker file**, worked on **Docker** container **Snapshots, removing images**, and managing **Docker Volumes**.
- Worked on **GIT (GIT Hub)** repositories as **Distributed Version Control System**.
- Worked on **ELK** and **Nagios** for server monitoring, also used Net scalar and monitoring tools like **Nagios** for **Load Balancing** and **Controlling flow of traffic**.
- Hands-on experience in using tools like **Docker Compose, Kubernetes** etc., for orchestrating, linking, and deploying the services related to the containers. Proficient in deploying and support applications on **WebSphere, Tomcat, Web Application Server**. Used **Shell/Perl** scripts for release and build automation. Manipulated and automated scripts to automate the deployment process

Strong-Bridge, Seattle

March '18 –Jan '19

Cloud / DevOps Engineer

Responsibilities:

- **Azure Migration:** Migrated on-premises and Azure Classic instances to Azure ARM subscriptions using Azure Site Recovery.
- **Azure Cloud Configuration:** Configured Azure web apps, app services, DNS, traffic manager, network watcher, and application gateway.
- **Data Extraction & Transformation:** Created RDDs to extract, transform, and load data from Azure Blob Storage and Data Lake into HDInsight.
- **Azure Infrastructure Management:** Managed Azure Web Roles, SQL Azure, Storage, AD licenses, Office 365, and VM backups with PowerShell.
- **Terraform Deployment:** Deployed infrastructure for development, test, and production environments using Azure Terraform.
- **VM & Cloud Services Deployment:** Deployed Azure IaaS VMs and Cloud Services within secure VNets and subnets.
- **Microservices & CI/CD:** Implemented microservices using Pivotal Cloud Foundry (PCF) and created CI/CD pipelines with TeamCity and Jenkins.
- **Containerization & Automation:** Utilized Docker, Kubernetes, and Ansible for container orchestration, automated deployment, and scaling across various services.

Environment:

Azure Cloud, Linux, Git, Ant/Maven, Terraform, Jenkins, Chef, JIRA, Apache Tomcat, Bamboo, Docker, Kubernetes, SVN, Windows Azure, SQL Azure, Nexus, Agile, Waterfall methodologies, Shell, Python, Java.

Conifer Health Solutions, WA DevOps Engineer

January '17– February '18

- **AWS Application Deployment:** Designed and deployed large-scale applications using AWS services (EC2, S3, RDS, Lambda) for high availability and auto-scaling.
- **Infrastructure Management:** Architected secure multi-zone AWS infrastructure using Chef, AWS CloudFormation, and Jenkins for continuous integration.
- **Load Balancer & DNS Setup:** Created ELB and Route53 configurations with failover and latency options for fault tolerance and high availability.
- **Containerization & Automation:** Developed Docker images, managed containers, and worked with Kubernetes for containerization and immutable infrastructure.
- **CI/CD Automation:** Built Jenkins pipelines for automation of builds, tests, and deployments; scripted ANT/Maven build tools for environment transitions.
- **Monitoring & Security:** Managed system health and security using Splunk, automated monitoring, and configured network security with Load Balancers and Security Groups..

Value Labs - India Build and Release Engineer

September '13 – December '14

Responsibilities:

- **Plugin and User Management:** Managed plugin setup, user management, and build/deploy pipelines for all projects.
- **Bamboo Configuration:** Created and configured jobs, script builders, and custom commands in Bamboo.

- **Large-Scale Deployment Automation:** Used Puppet for automating deployments and managing CI/CD processes.
- **Continuous Integration with Jenkins:** Set up CI for major releases, installed and configured Jenkins on Linux for parallel builds.
- **Build and Deployment Automation:** Automated the full build and deployment pipeline using Jenkins.
- **Version Control Management:** Handled source code merging conflicts with SVN and GIT.
- **Build Automation with Scripts:** Ant, Maven, Perl, and Bash scripts for automation tasks are extensively used.
- **Subversion Server Setup:** Installed and configured Subversion server on Linux using Apache for HTTP access.
- **Web Server Application Deployment:** Deployed and supported applications on WebSphere, Tomcat, and Web Application Servers using shell/perl scripts for automation.