

Waseemuddin Shaikh

AWS Cloud Engineer & DevOps Professional

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Objectives

- Seeking a dynamic role in the AWS Cloud Engineer and DevOps field within the challenging IT sector where I can leverage my expertise to drive valuable contributions to the organization, also passionate about smart industry SaaS Products, Cloud Services and IoT Devices Apps.

Summary

- 10 years of Professional IT experience where 5 years of experience specializing in AWS Cloud and DevOps including Cloud Infra Management, Incident Management, Configuration Management, Production Support, automating provision, build and deployment process using CI/CD and IaC tools, focusing on high availability and scalability in AWS Cloud.
- Hands on expertise in Amazon AWS Cloud Service, Cloud Migration and Cloud Administration.
- Experience in provisioning and configuring RHEL, Centos, Ubuntu and installation of packages for Linux Servers.
- Proficient with Configuration Management tools & Build management tools such as Ansible
- Experience in working on source control tools like GitHub (GIT).
- Experience in Kubernetes orchestration for Docker Containers which handles scheduling and manages workloads based on user-defined parameters.
- Docker containers, Docker Compose used to run the multi-Docker container applications.
- Experience in general Systems Administration and Change Management, Software Configuration Management.
- Experience in the areas of Virtualization Software such as KVM and VMware.

Experience

Company: Fauji Foundation – Group of Industries (FUI Secretariate) **Aug-2018 To Present**
Role: Manager IT and MIS
Technology: AWS Cloud Services, Docker, Kubernetes, CICD, Terraform, Github, Sangfor Firewall, System & Server Administration (CentOS, Ubuntu, WinServer), Apache, IIS, Nginx, SQL Server

Responsibilities:

- Working with **AWS Cloud and DevOps** related services in the areas of designing **CI/CD process, Process automation, Build and Deployment**, Release management, Cloud infrastructure, IT Operations, System Administration, Software Configuration Management.
- Working with AWS services like EC2, VPC, ELB, S3, EBS, Elastic Beanstalk, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Lambda, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation and Security Groups.
- Created High Availability (HA) infrastructure in AWS cloud and implemented Disaster Recovery (DR) strategies for the application and database in cloud.
- Migrating the on-premises application to the cloud with the help of AWS services and implement best practices.
- Working on container management tool Kubernetes. Created Kubernetes clusters for microservices deployment, managing pods, replica sets, Kubernetes networking, load balancer and ingress.
- Using Kubernetes to manage containerized applications using its nodes, Config Maps, Selector, Services, and deployed application containers as Pods and scaling the application across nodes.
- Creating Docker images, Compose Docker Registry and handling multiple images primarily for middleware installations and domain configurations.
- Responsible for Docker container creation and management, Docker file management, deployment of micro services to container.

- Worked with Docker and Kubernetes on ECS and EKS cloud provider, for building and containerizing the application to deploy.
- Created and configured Nagios server for infrastructure monitoring, cloud monitoring.
- Good knowledge and experience in using Prometheus, Grafana, and Alert manager for logging and monitoring.
- Implemented security controls and managed a Next-Generation Security Firewall (Sangfor) to enhance network security and protect against unknown threat
- Played a key role in troubleshooting and maintaining web servers (Apache, Nginx), as well as monitoring servers (Zabbix, SAMBA, FTP, NFS).

Organization: Ministry of Planning Development & Reform Project **Feb-2018 To July 2018**
(Center for Social Entrepreneurship)
Role: Web & Computer Networks Officer
Technology: Web & MIS Applications, Hosting Management, Web Servers (Apache)

Responsibilities:

As my core duties are to developed & maintained MIS Portal, Website designing and development, ICT Troubleshooting etc..

- Developed /Maintain website for M&E System and manage the contents & Database Reports.
- Coordinate with ministry offices and facilitate the update about the project progress
- Responsible for designing, developing, and maintaining websites hosted in a secure environment.
- Developed and managed IT capital and expense budgets for the installation and upgrade of hardware and software systems.
- Managed IT asset management processes.
- Provided support for day-to-day operational tasks, troubleshooted issues, and stayed up-to-date with the latest IT trends and technologies to address complex problems.

Organization: SZABIST, ZAB Solutions **Sept-2013 To Jan 2018**
Role: Software Developer & MIS Officer
Technology: ERP System (Classic ASP, ASP.NET, PHP, MYSQL , JavaScript)

Responsibilities:

- Campus system for University and Technical and Vocational Institutes, MIS, HR, Payroll , Portals, with Email/SMS Notification |30+Reports [PDF|Excel]
- Enhanced Existing Systems and Developed New System Modules Deployed and Error Free ongoing
- Responsible for upgrading and managing the existing in-house developed ERP system, resolving day-to-day issues, and actively participating in research and development of new software systems to meet the organization's needs.
- Responsible for overseeing the installation, configuration, and maintenance of the organization's hardware and software systems, including the management of data storage and backup systems.
- Collaborated with other IT staff to develop and implement IT policies and procedures, managed budgets and resources for IT projects and initiatives. I also kept abreast of technological advancements and made recommendations for upgrades and improvements to the organization's IT infrastructure.

Skills

Version Control Tools:	GitLab, GitHub
Container Technologies:	Docker and Kubernetes
Cloud Providers:	AWS and Azure, OpenShift
Amazon Cloud Services:	EC2, S3, IAM, Route53, ALB, SNS, RDS, Dynamo DB, ECS, Lambda, GW, ECS, EKS, WAF, CloudFront and AWS Guard Duty, VPC,
Continuous Integration Tools:	Jenkins
Configuration Management Tools:	Ansible and Terraform
Monitoring Tools:	CloudWatch Prometheus, Grafana and Nagios
Scripting Tools:	Bash
Application Servers/ Middleware:	Apache Tomcat, IIS, Nginx,

Education

Master of Science in CS, SZABIST, Karachi Campus, Pakistan **2013 - 2016**
Bachelor of Science in SWE, University of Sindh Jamshoro, Pakistan **2008 - 2012**

Certification/Courses

Microsoft Certified: Azure Fundamentals Azure ([link](#)) **2023**
AWS Bootcamp, Softtoo Pvt Ltd ([link](#)) **2023**
AWS Cloud Quest, Cloud Practitioner ([link](#))

Soft Skills

- Result Oriented
- Self Driven
- Creativity
- Meet Challenges
- Multi-Tasking
- Problem Solving
- Lead & work as a team in an organized way
- Good oral, written and presentation skills
- A high tolerance of stress and enjoys responsibilities
- Quick learner with good grasping ability
- methodologies, strategies and processes