

# Muhammad Amir

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**Email:** [muhammadamir03034@gmail.com](mailto:muhammadamir03034@gmail.com) **Job Title:**

Aws DevOps Engineer

## Summary

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Over 3+ Year of IT experience as AWS DevOps engineer with expertise in areas of Software Configuration Management, Version Control, DevOps/Build and Release management, Linux System Administration. Experienced in branching, tagging and maintaining the version across the environments using SCM tool like GIT on Linux and windows platforms.

## Education

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### University of Education, Lahore (2014-2018)

Modules studied include Network Security, Internet Architecture and Protocols, Cloud Computing Artificial Intelligence, Software Development Architecture, Database Management Systems, Data Structures, Object-Oriented Programming, Software Engineering, Data Mining, Operating Systems, Human-Computer Interaction, and hands-on experience on the tools like Weka, StarUML, Oracle, and much more

## Work Experience

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- Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, Glacier, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups.
- Automated application deployment in the cloud using Docker technology
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
- Experience in working with automation tools like **CHEF**
- Worked with IAM service creating new IAM users & groups, defining roles and policies and Identity providers.
- Installation and configuration of apache web on Linux
- In-depth knowledge of DevOps management methodologies and production deployment Configurations.
- Expertise in creating DevOps strategy in a environment of Linux (servers and Windows along with Amazon Web Services
- Implemented VPC peering connection to access the entire CIDR block of the peer VPC without any restriction.
- Used CHEF to configure and manage infrastructure.
- Used Elastic Load balancers and Auto scaling groups to handle the traffic at peak times.
- Continuous Delivery, Continuous Deployment pipelines and DevOps processes for Agile projects.
- Extensive hands on experience in designing, building and automating cloud infrastructures on Amazon Web Services

## Additional Skills

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- Skilled at Software Development Life Cycles
- Well versed with deadline pressures, superior analytical, time - management, collaboration, communication and problem-solving skills.
- Manage the integration of new software projects into the build environment.
- Created Security Groups, configuring Inbound/Outbound rules, creating and importing Key Pairs.

- Good understanding of DevOps key concepts
- Familiar with TCP/IP networking firewalls, switching and routing
- Maintaining Physical and environmental security of AWS using cloud watch and Amazon inspector • Managed Ubuntu Linux and Windows virtual servers on AWS EC2

## Languages

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C#,JAVA, MySQL ,Bash script

## Platforms/Operating Systems

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Linux (Ubuntu, Amazon), Windows

## Tools and Technologies

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Chef, GitHub, Jenkins, Docker, Docker swarm, Selenium, Kubernetes, Terraform, Code Build , Code Deploy , Code Pipeline, Apache server, Nginx, Nagios, Ansible