

## Contact

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## Top Skills

Continuous Integration and Continuous Delivery (CI/CD)

Joomla!

Amazon ECS

## Languages

English (Professional Working)

Urdu (Native or Bilingual)

Hindi (Native or Bilingual)

# Mehmood Asghar

DevOps Engineer | AWS Cloud Expert | CI/CD Automation Specialist  
| Terraform | Jenkins | EKS | ECS

Dubai, United Arab Emirates

## Summary

Seasoned DevOps Engineer with over 3 years of experience optimizing deployment pipelines and cloud infrastructure, achieving a 40-50% reduction in deployment times and 99.99% uptime through AWS best practices. Adept at automating enterprise-level applications and reducing cloud costs by 30%. Passionate about leveraging innovative DevOps practices to drive efficiency and scalability. Additionally, I bring over 4 years of experience in full-stack web development.

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## Experience

### Brickyard Real Estate

DevOps Engineer

October 2023 - Present (10 months)

Dubai, United Arab Emirates

As DevOps Engineer:

- Developed and maintained CI/CD pipelines using GitHub Actions and AWS DevOps, reducing deployment time by 50%.
- Managed AWS cloud infrastructure (EKS, ECR, Lambda, RDS) to ensure high availability and scalability.
- Implemented infrastructure as code (IaC) using Terraform and CloudFormation, achieving consistent and repeatable provisioning.
- Containerized applications with Docker and orchestrated deployments using Kubernetes and AWS EKS, improving deployment speed and consistency by 60%.
- Automated monitoring and alerting with AWS CloudWatch, enhancing system reliability and uptime to 99.99%.

### Software Alliance

4 years 9 months

DevOps Engineer

February 2021 - September 2023 (2 years 8 months)

Lahore, Punjab, Pakistan

I switch my domain from Full Stack Web Developer to DevOps Engineer in Software Alliance.

As a DevOps engineer:

- Implemented and maintained CI/CD pipelines with Jenkins and AWS CodePipeline, streamlining the software delivery process.
- Automated infrastructure provisioning with Terraform and CloudFormation, reducing manual configuration errors by 90%.
- Orchestrated containerization using Docker, Kubernetes, and AWS ECS/EKS, improving deployment efficiency.
- Monitored and optimized system performance, ensuring high scalability and reliability.

### Full Stack Web Developer

January 2019 - February 2021 (2 years 2 months)

Lahore, Punjab, Pakistan

As a Full Stack Web Developer:

- Designed and developed databases, working on platforms like Shopify, WebFlow CMS, and WordPress CMS.
- Performed front-end and back-end development using HTML, CSS, JavaScript, and PHP.
- Administered Linux servers and managed IT support within the organization.
- Conducted on-page and off-page SEO for the organization's e-commerce store.
- Managed and maintained over 50 WordPress sites, including updates, bug fixes, and feature implementations.
- Developed large-scale web applications for restaurants, laundry management, and university faculty portals.

### DUNYA NEWS

#### Web Developer

April 2017 - November 2018 (1 year 8 months)

Lahore, Punjab, Pakistan

As a Web Developer at Dunya News Network, I contributed to developing and maintaining high-traffic websites.

- Developed responsive and interactive user interfaces using HTML, CSS, and JavaScript.
- Designed and implemented server-side functionality using PHP.
- Created and optimized MySQL databases to support dynamic content.
- Regularly updated and maintained existing web applications, and fixed bugs.
- Developed the website for the newly launched Dunya News Channel in the UK.

## Pakistan Bureau of Statistics

### Statistical Assistant

March 2015 - October 2017 (2 years 8 months)

Bahawalpur, Punjab, Pakistan

As a Statistical Assistant at the Pakistan Bureau of Statistics, I have been involved in various surveying apps analysis. I was responsible for analyzing and training the master trainers to work on developed software to get the statics from the market & Household level.

Also responsible for:

- Collect data manually in hard copies and electronically in soft copies, catalogs, analyze data, edit, and code data in an orderly manner.
- Send workflow internally & externally to the Deputy Commissioner Office, Head Office, and follow-up.
- Allocates and controls the document numbering system.
- Develop and manage utilization of document control database system
- Tracking of documents, approval loops, revision identification, quality, and timely receipt for distribution.
- Created and established work instructions for document retention plans.
- Responsible for ensuring circulation durations for distribution and retention cycles are tracked and monitored.
- Prepare, file, and distribute all project documentation/manual and correspondence.
- Receives and appropriately handles queries from field staff and from head office instructions in an accurate timely manner.
- Facilitates information flow and action with coordinators.
- Prepare presentations for the training of staff and officers.
- Manage and follow up on the department's activities and transactions with other departments.

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## Education

Bahauddin Zakariya University

