

# FAWAZ MOHAMMED MUMTAZ

## SENIOR DEVOPS ENGINEER

608 620 5453

Omaha, NE

mdfawazj@gmail.com

## CAREER SUMMARY

IT professional with over 10 years of experience in DevOps practices leveraging AWS and System Administration within AIX environments. Expertise in designing, configuring, and managing scalable, highly available, and fault-tolerant systems, emphasizing robust security measures and continuous monitoring. Managed software development pipelines, increasing deployment frequency and reducing deployment time through Agile methodologies and CI/CD automation. Adept at automating and optimizing cloud operations to maximize efficiency and cost effectiveness.

## SKILLS

Operating Systems, Cloud Infrastructure, Version Control & CI/CD Tools, Scripting Languages, Monitoring & Logging, Configuration Management, Orchestration Tool, Project Management, Collaboration, Build and Repository Management, Troubleshooting, Problem solving, Critical thinking, Time management, AIX, Linux, AWS, Ec2, Auto Scaling, Elastic Beanstalk, ECS Fargate, VPC, SG, IAM, ECR, SQS, SNS), Terraform (IaC), AWS S3 Buckets (secure storage and data management), Git, GitLab, Bitbucket, CircleCI, Jenkins, Bash Shell, KSH, YAML, Splunk, Moogsoft, Jenkins, Jira, Service Desk, VCS, VSCSI, NPIV, NIM, Lambda Functions, LVM, LPM, PowerHA, Storage Migration, SaltStack, Ansible, HP Opware, Jira, Service Desk, Maven, Nexus, Jfrog, Elasticsearch, Load Balance, WIZ, SSM, Patching Manager, LPAR, Virtualization, Docker, Kubernetes, EKS, Grafana, Prometheus, DNS, file server, VMware, PAAS, IAAS

## WORK EXPERIENCE

### SENIOR DEVOPS ENGINEER

Fiserv / 2014 – Present

- Developed, Implemented, and Maintained Software Solutions
  - Designed, implemented, and maintained CI/CD pipelines for Application Service projects using GitLab, increasing deployment frequency and streamlining delivery processes.
  - Configured Artifact repositories within CI/CD pipelines, optimizing artifact management for reliable storage and retrieval.
  - Automated deployment processes in collaboration with cross-functional teams, cutting operational costs by 30% through reduced manual intervention and accelerated time-to-market.
- Collaborated with Cross-Functional Teams
  - Implemented DevSecOps best practices for version control, code quality checks, and automated testing within CI/CD pipelines, ensuring software reliability and performance.
  - Conducted regular performance evaluations of CI/CD pipelines, resulting in reduction in build times and improving deployment success rate through targeted optimizations.
- Monitoring and Troubleshooting Software Issues
  - Demonstrated expertise in designing, configuring, and managing scalable, highly available, and fault-tolerant systems on AWS, focusing on robust security measures, continuous monitoring, and using AWS Auto Scaling Groups for dynamic scaling.
  - Created and provided documentation on CI/CD pipelines and tools to team members, ensuring effective knowledge transfer and process adherence.
  - Experience in using Terraform to define, deploy, and manage cloud infrastructure as code (IaC), ensuring consistent and repeatable infrastructure provisioning.
  - Optimized server configurations for peak seasons, increasing system performance by 40% and reducing response times by 30% during high-traffic periods.
  - Collaborated with the Splunk team to integrate Redis into the Splunk dashboard, improving data retrieval speed by 50% and enhancing real-time data monitoring capabilities, resulting in quicker insights for decision-making.

## **UNIX SYSTEM ADMINISTRATOR**

Fiserv (Continued)

Experienced in installing, upgrading, patching, and configuring UNIX systems, including Red Hat/RHEL and IBM AIX. Skilled in performance tuning and managing system software and hardware, maintaining a 95% satisfaction rate in user surveys, and reducing incident resolution time through efficient troubleshooting protocols.

- Analyzed server usage, identified filesystem and disk utilization inefficiencies, and consolidated data into fewer disks, leading to the removal of empty disks. This initiative resulted in an annual savings of approximately \$300,000. • Administered and troubleshooted IBM AIX (4.3 to 7.2) and Linux systems.
- Expertise in virtualizing resources on IBM systems, conducting security remediation, and performing critical assessments. Managed IBM PPRC and SAN mirroring and implemented security enhancements.
- Extensive experience with storage solutions including IBM, EMC Clariion, Symmetrix, VPLEX, XtreamIO, and Hitachi. Skilled in host-based migration, storage infrastructure management, and SAN technologies.
- Managed and configured cluster software such as VCS, PowerHA, and Oracle RAC. Conducted disaster recovery tests and performed recovery operations for AIX and backup solutions.
- Utilized tools like NIM, Korn and Shell for automation and scripting. Integrated and managed Active Directory and UNIX platforms.
- Experienced with monitoring and reporting tools such as Splunk, Moogsoft, HP Opware, and SaltStack. Used Remedy/BMC service desk for incident management.
- Managed VIOS migrations, patching, and configuration. Performed firmware upgrades and troubleshooting for SAN switches during database migrations.

## **SYSTEM ADMINISTRATOR**

CVS Caremark / Arizona / 2013 – 2014

- Storage Infrastructure Management: Expertise in EMC PowerPath for seamless host-based migration between storage arrays, including EMC DMX-4, Clariion CX480, Celerra NS480, and VMAX/VNX platforms.
- SAN and NAS Administration: Proficient in configuring SAN storage for AIX servers, managing dual VIOS VSCSI mapping, and troubleshooting SAN switches during critical database migrations.
- Data Migration and LUN Management: Successfully led migrations from legacy Clarion and Symmetrix DMX3/DMX4 systems to modern VMAX storage. Skilled in LUN management and optimizing storage performance using powerpath solutions.
- Linux Infrastructure Maintenance: Managed day-to-day operations of Linux servers, ensuring high availability and performance through proactive troubleshooting and maintenance tasks.

## **CERTIFICATIONS**

- AWS Solution Architect Associate
- Azure Fundamentals AZ – 900
- IBM Certified System Administrator AIX 7

## **EDUCATION**

### **MASTER IN BUSINESS ADMINISTRATION**

Management Information System

Concordia University, Wisconsin

2011 – 2013

## **REFERENCES**

### **ZAFAR GHOUSE**

Sr Power Platforms Engineer

P: +1 402 320 4005

E: zaferghouse.mohammed@fiserv.com

### **MIRZA AZHARULLAH BAIG**

Sr DevOps Engineer

P: +1 408 402 2276

E: mirzaazharullah.baig@fiserv.com