MUHAMMAD TEHAMI AZHAR

CLOUD & DEVOPS

PROFESSIONAL SUMMARY

DYNAMIC AND RESULTS-ORIENTED CLOUD AND DEVOPS ENGINEER WITH 6 YEARS OF EXPERIENCE IN ORCHESTRATING SEAMLESS INTEGRATION OF DEVELOPMENT AND OPERATIONS THROUGH EFFECTIVE USE OF CI/CD PIPELINES, CLOUD SERVICES, AND AUTOMATION TOOLS. EXPERTISE IN LEVERAGING AWS, AZURE, ORACLE CLOUD AND GOOGLE CLOUD TO DRIVE EFFICIENCY, SCALABILITY, AND RELIABILITY. PROVEN ABILITY TO ENHANCE DEPLOYMENT PROCESSES, OPTIMIZE SYSTEM PERFORMANCE, AND IMPLEMENT ROBUST SECURITY PRACTICES. PASSIONATE ABOUT FOSTERING A CULTURE OF CONTINUOUS IMPROVEMENT AND OPERATIONAL EXCELLENCE.

CONTACT

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CERTIFICATION & TRAININGS

- CERTIFIED MICROSOFT AZURE FUNDAMENTALS (AZ-900)
- CERTIFIED ORACLE CLOUD INFRASTRUCTURE FOUNDATIONS ASSOCIATE
- CERTIFIED NSE_1 NETWORK SECURITY ASSOCIATE
- CERTIFIED NDG LINUX UNHATCHED
- AWS CLOUD TRAININGS
- TERRAFORM ASSOCIATE TRAINING
- DOCKER & KUBERNETES TRAININGS

TECHNICAL SKILLS

Operating Systems:
- Linux (Ubuntu, CentOS, Red Hat), Windows, MacOS

Cloud Platforms:
- AWS-Amazon Web Services (EC2, S3, IAM, RDS, ElasticCache, VPC, Route 53, CloudWatch, Elastic Beanstalk, CodePipeline, CloudFormation)
- Microsoft Azure (Azure DevOps & Azure Pipelines, ARM Templates, Application Gateway, APIM, VM, Service Fabric, App Services, AppInsights, COSMOS DB, SQL Databases, Storage Accounts, Azure Cache, AppCenter)
- GCP-Google Cloud Platform (GCE, GKE)
- Oracle-OCI Cloud (Instances, Block Volume, File Storage, Object Storage, Container Instances, OKE, CPE, DNS Management, Load Balancers, Virtual Cloud Network VCN, Site-to-Site VPN, Autonomous Database, MySQL Heatwave, Bastion, Certificates, IAM, Network Firewall, WAF, Logging, Monitoring, Cost Analysis)

CI/CD Tools:
- Jenkins, Azure DevOps, GitLab CI/CD, ArgoCD, AWS Code Pipeline

Configuration Management:
- Ansible, Chef

Containerization:
- Docker, Kubernetes, OpenShift

Infrastructure as Code:
- Terraform, AWS CloudFormation

Scripting Languages:
- Python, Bash, PowerShell, Yaml

Version Control & SCM:
- Git, SVN, Github, GitLab, BitBucket

Monitoring & Logging:
- ELK Stack, Splunk, Prometheus and Grafana, Azure Monitoring and AppInsights, AWS CloudWatch

Other Tools & Skills:
- JFROG Artifactory for Builds/Release Management
- SonarQube for Code Quality and Security Vulnerabilities
- Nginx, Tomcat & Apache
- Web Hosting (GoDaddy, Cloudflare, Bluehost)
- Designing of Cloud Architecture & Infrastructure with High Availability, Scalability, Elasticity, Load Balancing, Fault Tolerant, Cost Effective, Monitoring and Performance

PROFESSIONAL EXPERIENCE

SENIOR CONSULTANT DEVOPS & CLOUD
SYSTEMS LTD-MARCH 2023 TO PRESENT

- ARCHITECTED AND IMPLEMENTED SCALABLE CLOUD INFRASTRUCTURE USING AWS, AZURE AND ORACLE CLOUD LEADING TO A 40% IMPROVEMENT IN APPLICATION PERFORMANCE.
- AUTOMATED CI/CD AND DEPLOYMENT PIPELINES WITH JENKINS AND ARGOCD REDUCING DEPLOYMENT TIMES BY 50%.
- AUTOMATED INFRASTRUCTURE PROVISIONING AND CONFIGURATION MANAGEMENT WITH TERRAFORM AND ANSIBLE.
- ORCHESTRATED CONTAINERIZED ENVIRONMENTS WITH DOCKER AND KUBERNETES, IMPROVING SCALABILITY AND RELIABILITY.
- COLLABORATED WITH CROSS-FUNCTIONAL TEAMS TO INTEGRATE AUTOMATED TESTING AND MONITORING, INCREASING SYSTEM UPTIME TO 99.9%.
- LED MIGRATION OF LEGACY APPLICATIONS TO CLOUD, ACHIEVING A 30% REDUCTION IN OPERATIONAL COSTS.
- IMPLEMENTED ROBUST SECURITY MEASURES AND COMPLIANCE PROTOCOLS, ENSURING DATA PROTECTION AND REGULATORY ADHERENCE.

SENIOR DEVOPS ENGINEER
NDCTECH (A SYSTEMS LTD COMPANY)-MARCH 2021 TO FEBRUARY 2023

- DESIGNED AND MAINTAINED CI/CD PIPELINES USING JENKINS AND GITLAB CI/CD, FACILITATING SEAMLESS CODE INTEGRATION AND DEPLOYMENT.
- AUTOMATED INFRASTRUCTURE PROVISIONING AND CONFIGURATION MANAGEMENT WITH TERRAFORM AND ANSIBLE.
- MANAGED CLOUD RESOURCES ON AZURE, OPTIMIZING PERFORMANCE AND COST-EFFICIENCY.
- DEVELOPED AND MAINTAINED SCRIPTS IN PYTHON AND BASH FOR AUTOMATION AND PROCESS IMPROVEMENTS.
- MONITORED SYSTEM PERFORMANCE AND RESOLVED ISSUES PROMPTLY, MAINTAINING HIGH AVAILABILITY AND RELIABILITY.
- ORCHESTRATED CONTAINERIZED ENVIRONMENTS WITH DOCKER AND KUBERNETES, IMPROVING SCALABILITY AND RELIABILITY.
- PROVIDED MENTORSHIP AND TRAINING TO JUNIOR TEAM MEMBERS ON DEVOPS BEST PRACTICES AND TOOLS.

DEVOPS ENGINEER
AYM COMMERCE-AUGUST 2020 TO FEBRUARY 2021

- DESIGNED AND IMPLEMENTED SCALABLE AND SECURE CLOUD ENVIRONMENTS ON AZURE, LEVERAGING SERVICES SUCH AS AZURE VMS, AZURE DEVOPS, AND AZURE KUBERNETES SERVICE (AKS), LEADING TO A 35% INCREASE IN SYSTEM PERFORMANCE AND COST EFFICIENCY.
- DEVELOPED AND MAINTAINED ROBUST CI/CD PIPELINES USING AZURE DEVOPS, SIGNIFICANTLY REDUCING DEPLOYMENT TIMES BY 50% AND ENHANCING THE RELIABILITY OF SOFTWARE RELEASES THROUGH AUTOMATED TESTING AND INTEGRATION PROCESSES.
- SPEARHEADED THE CONTAINERIZATION OF APPLICATIONS USING DOCKER AND ORCHESTRATED DEPLOYMENTS WITH KUBERNETES, IMPROVING APPLICATION SCALABILITY AND REDUCING DEPLOYMENT FAILURES BY 40%.
- IMPLEMENTED COMPREHENSIVE MONITORING AND LOGGING SOLUTIONS USING AZURE MONITOR, GRAFANA, AND ELK STACK, RESULTING IN A 30% REDUCTION IN DOWNTIME AND FASTER ISSUE RESOLUTION TIMES.

- COLLABORATED WITH DEVELOPMENT AND OPERATIONS TEAMS TO INTEGRATE DEVOPS BEST PRACTICES, FOSTERING A CULTURE OF CONTINUOUS IMPROVEMENT AND OPERATIONAL EXCELLENCE, WHICH LED TO A 20% INCREASE IN TEAM PRODUCTIVITY.
- ENSURED CLOUD INFRASTRUCTURE AND APPLICATIONS ADHERED TO SECURITY BEST PRACTICES AND COMPLIANCE REQUIREMENTS, IMPLEMENTING AUTOMATED SECURITY CHECKS AND VULNERABILITY ASSESSMENTS.

DEVOPS ENGINEER
MPARSEC-FEBRUARY 2019 TO AUGUST 2020

- SETUP AND CONFIGURATION OF CI/CD PIPELINES USING JENKINS AND AZURE DEVOPS AND IMPROVING DEPLOYMENT SPEED AND CONSISTENCY.
- SUPPORTED CLOUD INFRASTRUCTURE MANAGEMENT ON AWS, AZURE AND GCP CONTRIBUTING TO A 20% REDUCTION IN DOWNTIME.
- WROTE AND MAINTAINED AUTOMATION SCRIPTS TO STREAMLINE OPERATIONS AND REDUCE MANUAL TASKS.
- MONITORED APPLICATIONS AND INFRASTRUCTURE, ENSURING TIMELY DETECTION AND RESOLUTION OF ISSUES.
- ORCHESTRATED CONTAINERIZED ENVIRONMENTS WITH DOCKER AND KUBERNETES, IMPROVING SCALABILITY AND RELIABILITY.
- LINUX AND WINDOWS SYSTEMS ADMINISTRATION TASKS
- DOCUMENTED PROCEDURES AND BEST PRACTICES, ENHANCING TEAM KNOWLEDGE AND EFFICIENCY.

KEY PROJECTS

- **CI/CD PIPELINE AUTOMATION:** DEVELOPED AND IMPLEMENTED CI/CD PIPELINES USING JENKINS AND DOCKER, REDUCING DEPLOYMENT TIMES BY 40% AND IMPROVING THE RELIABILITY OF RELEASES. INTEGRATED AUTOMATED TESTING AND MONITORING TOOLS TO ENSURE CONTINUOUS DELIVERY OF HIGH-QUALITY SOFTWARE.

- **MULTI-CLOUD INFRASTRUCTURE DEPLOYMENT:** DESIGNED AND DEPLOYED A ROBUST MULTI-CLOUD INFRASTRUCTURE ACROSS AWS, AZURE, AND ORACLE CLOUD. USING AWS EC2, AZURE VMS, ORACLE OKE, TERRAFORM AND ANSIBLE. ACHIEVED 99.99% UPTIME AND A 35% REDUCTION IN OPERATIONAL COSTS.

- **APPLICATION CONTAINERIZATION:** TRANSFORMED MONOLITHIC APPLICATIONS INTO MICROSERVICES USING DOCKER AND KUBERNETES, AWS EKS, AZURE AKS AND ORACLE OKE TO ENHANCED SCALABILITY AND REDUCED DEPLOYMENT FAILURES BY 60%.

EDUCATION

BSSE - BACHELOR IN SOFTWARE ENGINEERING
UNIVERSITY OF KARACHI, PAKISTAN-2015 TO 2018

PRE-ENGINEERING
ADAMJEE GOVT SCIENCE COLLEGE, PAKISTAN-2012 TO 2014

REFERENCES

AVAILABLE UPON REQUEST.