MUHAMMAD KASHIF SIDDIQUI

LEAD DEVOPS ENGINEER

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CERTIFICATIONS

- Certified Kubernetes Administrator
- AWS Solutions Architect Associate

AREAS OF EXPERTISE

Linux Administration, Ubuntu, CentOS, Amazon Linux, Debian

Ansible, Terraform

Docker, Kubernetes, AWS ECS

Jenkins, GitLab Pipelines

MySQL, MongoDB, PostgreSQL, DynamoDB

Python, Bash

JIRA, Slack, Confluence, Microsoft Teams

TCP/IP, Site-to-Site VPN Tunnels, Routing & Switching, Firewalls, Network Security

ELK, Prometheus, Grafana, AWS CloudWatch

AWS EC2, Lambda, CloudFront, RDS, LoadBalancing, Autoscaling, Storage Services

PERSONAL PROFILE

A DevOps Engineer with hands-on experience in all levels of automation, including configuration management, infrastructure, CI/CD, deployments, and designing scalable and reliable systems.

WORK EXPERIENCE

Lead DevOps Engineer
Bykea | Jun 2020 - present

- We empower our engineers to seamlessly conceptualize, create, and deploy technologies at scale.
- Managing CI/CD pipelines on GitLab for staging and production environments.
- Kubernetes clusters management.
- Infrastructure and application detailed monitoring through various tools such as Prometheus, ELK, Zabbix, and CloudWatch.
- Supported innovation objectives by keeping up to date on the latest integration solutions available.
- Carefully documented technical workflows in a private Jira confluence for education of newly employed staff.

Senior DevOps Engineer
10Pearls | Aug 2018 - Jun 2020

- Working collaboratively with development engineering to create and deploy a CI/CD infrastructure.
- Continuous integration through Jenkins and GitLab.
- Configuration management on various servers with Ansible.
- Managing Public Key Infrastructure for one of the leading client which includes, SSL installation, User revocations, performing daily health checks of 50+ servers.
- Deliver professional operational support to client, aiding monitoring, alerting and optimization of existing infrastructure and processes to ensure applications are available and performing at the highest levels.

DevOps Engineer
Arpatech | Mar 2018 - Jul 2018

- Manage Linux Servers hosted with different Public Cloud Hosting platforms including Amazon Web Services (AWS) and Digital Ocean (DO).
- Setup and administer firewall using Fail2ban and Shorewall/IPtables
- Build and monitor services on production servers (New Relic, Zabbix, Cacti and Nagios).

Cloud Infrastructure Engineer
NexDegree | Nov 2016 - Feb 2018

- Providing Linux system administration and technical support including installation/configuration & maintenance of Linux servers.
- Continuously monitored applications traffic and activity to uphold integrity and optimal performance of the infrastructure.
- Backing up of all servers (Linux) on daily and weekly basis manually and via shell scripting.
- Managing groups and user accounts assigning permissions to users. Setup and maintenance of Linux servers (Apache and Nginx web servers, MySQL, DNS, NFS, FTP, SSH etc).

VoIP Engineer (Remote)
WaveTel (UK) | Oct 2015 - Jun 2016

- Ensuring KPI/SLA Fulfillment related to troubleshooting of the incidents, Review of Performance Metrics for the shift resources and implementation of Corrective & Preventive actions.
- Commissioning, setup, operation and maintenance of the Switch/Routers/ Media gateways.
- Analysis of wholesale and retail international traffic, creation of new Trunk Groups, Add new routing plans & policies.

VoIP Engineer (Remote)
1TOALL (Thailand) | Oct 2013 - Oct 2015

- Monitoring all calls originating and terminating from the Soft switch.
- Performing whole sole network interconnect creation with Telecom operators on VoIP platform.
- Coordination with the suppliers and clients regarding various issues on daily basis.

VoIP Engineer
Bhaoo | Jan 2012 - Jan 2013

- Creation of client/vendor accounts.
- Rates update of client/vendor on soft switch and creation of routing plans.

BSS Engineer
EPTSC (Egyptian Pakistani Telecom Service Company) | Jul 2011 - Sep 2011

- Installed, tested and commissioned Motorola Alkatel equipment.
- Site routine maintenance.

Technical Support Engineer
Mobilink Infinity | Mar 2011 - Jul 2011

- WiMAX technical support for customers.
- Perform various testing for verification of new future & company promotion.

EDUCATIONAL HISTORY

FAST - National University of Computer & Emerging Sciences
Bachelors of Engineering in Telecommunications | Aug 2005 - Aug 2010