

MUHAMMAD AMMAR

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SUMMARY

DevOps Engineer with 4+ years of hands-on experience in Linux administration, Docker-based deployments, CI/CD pipelines, NGINX/Apache management, and cloud automation. Experienced with AWS, WHM/cPanel, OpenVPN, Wazuh SIEM, and virtualization platforms including VMware and Proxmox.

SKILLS & STRENGTHS

DevOps: Docker, CI/CD (GitHub Actions, Drone CI), Ansible, Git
Cloud: AWS (EC2, Lambda, CloudFront, CodePipeline), Cloud Automation
Linux & Servers: AlmaLinux, CentOS, Ubuntu, NGINX, Apache, OpenVPN
Virtualization: VMware ESXi, vCenter, vSAN, Proxmox
Storage: MinIO, TrueNAS
Monitoring & Security: Grafana, Wazuh SIEM, Server Hardening

EXPERIENCE (4+ YEARS)

DevOps / Linux System Administrator Mar 2024 – Present
CyberX Studio — Islamabad, Pakistan

- Managed 20+ WordPress websites on WHM/cPanel with optimized performance, backups, security hardening, and monitoring.
- Set up and maintained OpenVPN for 20+ users with certificate-based authentication and secure network access.
- Deployed **Next.js** and other web apps using Docker, configuring NGINX as reverse proxy for production traffic.
- Deployed and managed Strapi CMS with PostgreSQL, ensuring reliability and scalable API performance.
- Administered AlmaLinux/CentOS servers including updates, service tuning, security patches, and performance optimization.
- Managed DNS and email configurations using WHM/cPanel, ensuring proper deliverability with SPF, DKIM, and DMARC.
- Configured Wazuh SIEM for log collection, alerting, agent management, and detection of vulnerabilities and system events.

DevOps Engineer Mar 2022 – Feb 2024
FullDuplex — Lahore, Pakistan

- Managed a Docker-based microservices environment with **30+ services**, including reverse proxies, API Gateway routing, background workers, and Redis-based messaging queues.
- Deployed and maintained PHP/MySQL and Node.js applications using Docker, improving deployment speed and consistency.
- Configured Apache and NGINX for production workloads.
- Built CI/CD pipelines using GitHub Actions and Drone CI for automated deployments and version-controlled releases.
- Implemented centralized monitoring and dashboards using Grafana for system metrics, application performance, and log visibility.
- Administered VMware ESXi, vCenter, and Proxmox clusters including VM provisioning, resource allocation, snapshots, and backups.

- Worked with storage solutions such as TrueNAS and MinIO object storage with distributed replication setups.

Cloud/Linux System Administrator

Jan 2021 – Nov 2021

Pinha Limited — Islamabad, Pakistan

- Managed AWS and Google Cloud infrastructure, including provisioning, security hardening, backups, and performance tuning.
- Deployed and maintained Node.js applications using Docker for consistent and reliable environments.
- Handled PHP/Laravel deployments with NGINX/Apache configuration, SSL management, and environment optimization.
- Implemented CI/CD pipelines using GitHub Actions to automate builds, tests, and deployments.

PROJECTS

GitHub Actions CI/CD Pipelines — Freelance

- Built CI/CD pipelines for PHP and Node.js applications using GitHub Actions.
- Implemented multi-server deployment workflows and basic test stages.

AWS Lambda Functions & CloudFront Distribution — Freelance

- Set up Lambda functions for serverless automation tasks.
- Configured CloudFront distributions for global content delivery and optimized performance.

VoIP Business — FullDuplex

Tools: Docker, Ubuntu, Redis, Drone CI/CD, Asterisk

- The VoIP app, set up on Ubuntu using Docker and controlled by Drone CI, transforms communication by smoothly combining Redis for handling sessions and Watchtower for automatic updates of containers. Supported by Asterisk, it provides advanced phone features, promising easy growth, trustworthiness, and adaptability for modern communication requirements.

Virtualization Infrastructure and Storage Solution — FullDuplex

Tools: TrueNAS, Proxmox, vCenter, ESXi, MinIO

- Set up a vCenter Server to manage a cluster of 4 ESXi hosts. Each ESXi host was equipped with a disk array (6 disks per host) dedicated to capacity and one SSD per host used as flash storage for caching.
- Configured vSAN across the ESXi hosts to create a distributed storage solution.
- Set up distributed switches with dual 10 Gigabit Ethernet connections dedicated to vSAN traffic and vMotion.
- Set up two independent MinIO clusters, each consisting of 3 nodes, with erasure coding and site replication between clusters.

EDUCATION

BS Computer Science

MNSUA

TECHNICAL TRAINING

SOC for Blue Teaming — EC-Council

Linux Privilege Escalation — TCM Security

Security Automation with Ansible — EC-Council

cPanel & WHM System Administrator II — cPanel University