Muhammad Abdullah

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Professional Profile:

Results-driven IT Support and Cloud Specialist with proven expertise in cloud infrastructure (AWS), networking, Linux system administration, and automation tools. Adept at designing, deploying, and managing secure and scalable environments with strong knowledge of containerization, CI/CD workflows, and system hardening. Recognized for delivering enterprise-grade solutions, along with excellent communication, leadership, and problem-solving abilities. Committed to continuous learning and professional growth to drive business efficiency and innovation.

PROFESSIONAL STRENGTHS:

- **Cloud & Infrastructure:** AWS (EC2, S3, IAM, Lambda, VPC)
- **Infrastructure as Code:** Terraform
- **Version Control & Collaboration:** Git, GitHub
- **Automation & CI/CD Pipeline:** Jenkins, Ansible, Bash & Python Scripting
- **Networking & Security:** VPC, Load Balancers, IAM Policies, CCNA-level Networking
- **Operating Systems:** Linux(CentOS, Ubuntu), Windows
- **System Administration:** Linux System Administration
- **Containerization & Orchestration:** Docker, Kubernetes
- **Professional Skills:** Strong communication & documentation, leadership experience, excellent time management, and ability to prioritize tasks effectively

Education:

Bachelor of Science in Computer Systems Engineering
Mirpur University of Science and Technology (MUST), Pakistan
Majors: Cloud Computing, Computer Networks, System Administration

Employment History

SKYTELECOM Pvt. Ltd. – Network Intern
Sep 2024 – Oct 2024
Role: Network Intern
Organization: Local Internet Service Provider (Mirpur)

Practical Experience & Labs

Cloud (AWS – Practitioner Level Labs):

- Launched and configured **EC2** instances with SSH access for testing environments.
- Learned **S3 basics** including bucket creation, object storage, and lifecycle policies.
- Practiced **IAM fundamentals** – creating users, groups, and applying basic policies with MFA.
- Explored **VPC basics** – understanding subnets, route tables, and security groups.
- Tested **Lambda functions** to understand serverless compute concepts.

Networking & Security (CCNA-Level Labs & Internship)

- Configured and troubleshooted **Cisco routers and switches** during labs and ISP internship.
- Implemented **VLANs, Subnetting, DHCP pools, NAT, and ACLs** for segmentation and traffic control.
- Practiced **RIP, OSPF, and BGP routing protocols** in Packet Tracer simulations.
- Monitored traffic using **Wireshark** for troubleshooting and performance analysis.
- Explored **Cybersecurity fundamentals** including firewalls, secure authentication, and system hardening.

Linux System Administration (Hands-on Labs & Projects)

- Installed and configured **Ubuntu/CentOS servers**, managed user accounts, groups, and sudo privileges.
- Implemented **file permissions, ACLs, and process monitoring** (ps, top, systemctl) for secure and stable operations.
- Automated tasks with **cron jobs** and performed regular log analysis (/var/log, journalctl) for troubleshooting.
- Configured and secured **firewall rules (UFW/iptables)**, disabled root login, and applied basic OS hardening.
- Managed **disk partitions, LVM volumes, and system backups** using tar, gzip, and dd.
- Provided support for **network services** (SSH, FTP, NFS, DNS) and monitored system performance with native tools.

Docker & Containerization (Hands-on Labs & Projects)

- **Image management:** build from Dockerfiles, list, remove, prune unused images.
- **Containers:** run (foreground/background), custom names, port binding, environment variables, inspect & remove.
- **Troubleshooting:** container logs, interactive shell (exec).
- **Registries:** pull/push images, login & manage DockerHub repositories.

- **Storage:** created & managed volumes, bind mounts for persistent data.
- **Networking:** created & managed container networks for isolated environments.

Git & Version Control (Hands-on Labs & Projects)

- **Repository setup:** initialized local repos, cloned from GitHub, configured user settings.
- **Staging & commits:** tracked changes using add, commit, reset, and reviewed with diff.
- **Branching & merging:** created branches, switched contexts, merged changes, and inspected history.
- **Collaboration:** used push, pull, fetch, and remotes to sync with GitHub repositories.
- **File tracking:** versioned file changes with rm, mv, and managed .gitignore patterns.
- **Stashing:** temporarily stored and reapplied changes with stash commands for workflow efficiency.