

# Owais Abbasi

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## Professional Summary

Motivated and detail-oriented professional transitioning to Linux System Administration and DevOps Engineering, with hands-on expertise in Linux, Docker, Bash scripting, Python automation, and AWS cloud solutions. Currently engaged in a comprehensive remote internship at AI-Nafi Cloud, acquiring practical experience in modern cloud, DevOps, and AI-driven secure infrastructure. Experienced in team leadership, process optimization, and utilizing cutting-edge technologies to ensure secure and efficient systems operations.

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## Key Skills

- **Linux System Administration:** Shell scripting, user and group management, service monitoring, filesystem management, system logging.
  - **DevOps & Automation:** Docker, Bash scripting, Python automation, CI/CD pipelines.
  - **Cloud Computing:** AWS EC2, ECS, CodeBuild, CodePipeline, CloudWatch, IAM, RDS, ELB.
  - **Configuration Management:** Ansible roles, playbooks, vault, dynamic inventory.
  - **Virtualization:** Vagrant multi-machine environments, AWS integration.
  - **Secure Cloud Architecture:** Governance, risk compliance (GRC), secure secrets management.
  - **Programming:** Python, Bash scripting.
  - **Project Management & Leadership:** Team supervision, financial reporting, and operational efficiency.
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## Professional Experience

### DevOps Intern

*AI-Nafi Cloud (Remote)*

*March 2024 – Present*

- **Linux System Administration Labs:** Gained expertise in managing services, monitoring systems, secure file transfers, advanced permission management, and IPv6 troubleshooting.
- **Docker Deep Dive:** Built Docker images, implemented CI/CD pipelines with AWS CodeBuild and ECS, explored Docker Swarm and CloudWatch monitoring.
- **Bash Scripting:** Automated Docker operations, integrated with AWS CLI, and scheduled workloads using Cron.
- **Python Automation:** Developed Python scripts for AWS services, RDS, Lambda functions, and IaC with AWS CDK.
- **AWS Solutions Architecture:** Designed secure and scalable solutions with high availability, elastic compute, and secure IAM practices.

## **Data Entry Operator**

*Federal Board of Revenue, Government of Pakistan*

*September 2016 – December 2024*

- Managed and organized extensive tax data, ensuring accuracy and compliance with regulatory standards.
- Provided administrative support for operations, contributing to system improvements and task automation.

## **Senior Accounts Executive**

*Mishanz Private Limited*

*March 2013 – August 2015*

## **Senior Accounts Officer**

*Mishanz Private Limited*

*April 2010 – November 2011*

- Led financial reporting, journal entries, ledger reconciliations, and account aging analysis.
  - Supervised a team of three junior accountants, optimizing workflow and ensuring adherence to financial standards.
  - Managed prepayment schedules, annual closing processes, and interpreted complex financial reports.
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## **Education**

### **Eduqual Level-6 Diploma in AIOps (In Progress)**

*Expected Completion: March 2026*

Focus Areas: Cloud Cybersecurity, DevOps and Cloud Advancement, SysOps, Artificial Intelligence.

### **Master of Arts in Economics and Finance**

*University of Karachi – 2015*

### **Bachelor of Commerce**

*University of Karachi – 2010*