

# WASEEM RAZA KHAN

## Infrastructure Automation Engineer

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### PROFESSIONAL SUMMARY

Infrastructure Automation Engineer with 5+ years designing automation frameworks for on-prem and cloud systems. Expert in Python scripting, Docker containerization, and CI/CD pipelines using Jenkins and GitHub Actions. Strong Linux administration skills with experience eliminating manual processes through robust automation. Currently completing MSc Data Science with focus on data pipeline optimization.

### TECHNICAL SKILLS

**Infrastructure Automation:** Python Automation (Advanced), Ansible Concepts, Bash/Shell Scripting, Infrastructure as Code

**Containerization & Systems:** Docker, Linux/UNIX Admin, System Provisioning, On-Prem Infrastructure, Kubernetes

**DevOps & CI/CD:** Jenkins, GitHub Actions, GitLab CI, Pipeline Automation, Deployment Pipelines

**Languages & Tools:** Python (Mandatory), Bash, JavaScript/TypeScript, SQL, Git, PostgreSQL

### PROFESSIONAL EXPERIENCE

#### Archopinion

London, UK

##### AI Infrastructure Engineer / Automation Specialist

Jan 2024 – Present

- Designed Python-based automation frameworks for AI model deployment, reducing manual effort by 80%.
- Managed Docker containers for production workloads with automated provisioning and configuration.
- Built Jenkins and GitHub Actions pipelines for automated quality gates in continuous deployment.
- Developed Python scripts for data validation, system health monitoring, and log rotation.

#### Al Yamama Company | NEOM (The LINE)

Saudi Arabia

##### Senior Infrastructure Engineer

Jan 2023 – Jan 2024

- Managed distributed RFID tracking across multiple sites with automation for configuration.
- Maintained Linux servers using Bash scripts for health checks, log rotation, and monitoring.
- Reduced operational errors by automating repetitive infrastructure tasks and process flows.
- Optimized PostgreSQL databases for high-concurrency data streams with sub-second response.

#### Amigo Software

Lahore, Pakistan

##### QA Automation Engineer / DevOps Support

Oct 2020 – Dec 2023

- Developed Python and JavaScript automation frameworks for enterprise platforms.
- Enforced quality gates in CI/CD processes, integrating automated testing into pipelines.

#### Eyecix Solutions

Lahore, Pakistan

##### Developer / Infrastructure Support

July 2019 – Oct 2020

- Set up development environments with containerization and version control practices.

### EDUCATION

#### MSc Data Science & Analytics

2024 – Dec 2025

University of Hertfordshire | UK

GPA: 3.57 | Focus: Data Pipeline Automation, ML Infrastructure

#### BSc Computer Science

2015 – 2019

The Islamia University of Bahawalpur | Pakistan

GPA: 3.3/4.0 | Distributed Systems, Database Management

Available Immediately | Full Right to Work in UK