WASEEM RAZA KHAN

Full Stack QA Engineer

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PROFESSIONAL SUMMARY

Full Stack QA Engineer with 5+ years experience in Python, PyTest, and Playwright automation. Strong knowledge of Docker, Kubernetes, AWS, and CI/CD pipelines. Currently completing MSc Data Science focusing on data validation and ML pipelines - directly applicable to bioinformatics testing. Experienced in API testing, SQL database validation, and containerized testing environments.

TECHNICAL SKILLS

Test Automation: Python/PyTest, Playwright, API Testing, SQL Testing, Performance Testing

Cloud & Infrastructure: Docker, Kubernetes, AWS (Fundamentals), Linux, CI/CD Pipelines

Languages & Tools: Python (Advanced), JavaScript/TypeScript, SQL, Git/GitHub, Postman

Data & Analytics: Data Validation, ML Pipeline Testing, Data Integrity, Statistical Analysis

PROFESSIONAL EXPERIENCE

Archopinion
AI Quality Engineer / Data Validation Specialist
London, UK
Jan 2024 – Present

- Developed Python/PyTest frameworks for AI model validation and data quality testing.
- Built data validation pipelines testing large datasets for consistency and integrity.
- Implemented Playwright automation for AI-driven document analysis platform.
- Integrated quality gates into GitHub Actions ensuring continuous data validation.

Al Yamama Company | NEOM (The LINE)
Senior QA Engineer (Backend & Data)
Saudi Arabia
Jan 2023 – Jan 2024

- Built comprehensive API test suites with Python for distributed data systems.
- Validated PostgreSQL databases ensuring data consistency across multiple sites.
- Managed Docker containers for testing environments with Kubernetes concepts.
- Conducted performance testing for high-concurrency data pipelines.

Amigo Software
QA Automation Engineer
Lahore, Pakistan
Oct 2020 – Dec 2023

- Developed Python and JavaScript automation frameworks for enterprise platforms.
- Built SQL test scripts validating data integrity across database systems.

Eyecix Solutions
Developer / QA
Lahore, Pakistan
July 2019 – Oct 2020

- Gained foundational experience in web development and testing practices.

EDUCATION

MSc Data Science & Analytics
2024 – Dec 2025
University of Hertfordshire | UK
GPA: 3.57 | Focus: Data Validation, ML Pipelines, Bioinformatics Applications

BSc Computer Science
2015 – 2019
The Islamia University of Bahawalpur | Pakistan
GPA: 3.3/4.0 | Database Management, Software Engineering

Available Immediately | Full Right to Work in UK