

# WASEEM RAZA KHAN

## Python Developer | Data Specialist

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### SUMMARY

Results-oriented Python Developer and Data Specialist based in the UK, combining over 4 years of software engineering experience with advanced academic training in Data Science. Expert in building scalable backend systems using Django/Flask and engineering robust ETL pipelines. Proven ability to optimize SQL databases and manage complex data architectures in high-pressure environments. Currently contributing to UK-based projects at Archopinion and fully prepared to apply technical expertise to deliver innovative software solutions in the Basingstoke area.

### KEY SKILLS

Python Development & Data Engineering:	Python (3+ Years), ETL Pipeline Development, Django & Flask Frameworks, RESTful API Design, Data Transformation & Scripting
Database Management:	Advanced SQL, PostgreSQL & MySQL, Schema Design & Optimization, Data Integrity Protocols, Query Performance Tuning
DevOps & Tools:	Git & GitHub, Docker, Linux/Unix Administration, VS Code & PyCharm, Agile Methodologies

### PROFESSIONAL EXPERIENCE

#### Archopinion | London, UK

##### Python Developer & Data Specialist

Jan 2024 – Present

Backend development, data automation, and database optimization.

- Engineer high-performance Python scripts for automated ETL pipelines, ensuring seamless data ingestion and backend stability for UK client deliverables.
- Optimize complex SQL queries to manipulate large datasets, significantly improving performance for real-time business reporting and analytics.
- Collaborate with local cross-functional teams to define technical requirements and implement database schemas that support scalable application growth.
- Enforce rigorous version control practices using Git to ensure code maintainability and streamline development workflows.

#### Al Yamama Company | Saudi Arabia (NEOM Project)

##### Data Systems Engineer

Jan 2023 – Jan 2024

Critical technical support and backend database management for major infrastructure.

- Managed complex database architectures for a massive infrastructure project (NEOM), implementing strict security and data protection solutions.
- Designed automated reporting systems using Python, reducing manual workload by 40% and enhancing data accuracy for executive decision-making.
- Resolved critical database connectivity issues and optimized query performance for high-traffic dashboards in a fast-paced environment.
- Demonstrated adaptability and resilience by delivering technical results within strict deadlines for high-stakes stakeholders.

#### Amigo Software | Lahore, Pakistan

##### Software QA & Backend Analyst

Oct 2020 – Dec 2023

Backend logic validation, API testing, and performance optimization.

- Validated RESTful API endpoints and backend logic to ensure data consistency and reliability across real-time software platforms.
- Authored complex SQL queries to verify backend functionality against business requirements, successfully identifying and resolving performance bottlenecks.
- Executed the full Software Development Lifecycle (SDLC), utilizing bug-tracking tools to streamline debugging and patch deployment cycles.

*Web application development and database maintenance.*

- Developed backend logic for web applications, translating client requirements into functional Python code specifications.
- Integrated backend systems with user interfaces in collaboration with front-end developers to ensure a seamless user experience.
- Maintained SQL databases for accurate data storage and retrieval, conducting unit testing to uphold application performance standards.

**EDUCATION**

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**MSc Data Science & Analytics**

University of Hertfordshire | Hertfordshire, UK

Jan 2024 – Dec 2026

| Current Focus: Advanced Python Programming, Database Management Systems, ETL Architectures.

**Bachelor of Science (Computer Science)**

The Islamia University of Bahawalpur | Pakistan

2015 – 2019

| Focus: Object-Oriented Programming, Database Systems (MySQL), Software Engineering.

**ADDITIONAL INFORMATION**

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- Location: Based in London, willing to commute or relocate to Basingstoke for the right opportunity.
- Project Highlight: JD2CVs – Engineered a full-stack web application using Python frameworks.
- Languages: English (Professional), Urdu (Native).