

# Jose Lawrence

Senior SQL Database Administrator

West Yorkshire | 07516 178 958 | joselawrence@gmail.com | British Citizen

## PROFESSIONAL PROFILE

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Senior SQL Server DBA with **18+ years' experience** delivering high-availability database solutions across financial services and fintech sectors. Proven expertise in Azure SQL (IaaS & PaaS), enterprise migrations, and managing mission-critical VLDBs up to 10+ TB in **24x7 high-transaction OLTP environments**. Track record of implementing High Availability solutions, optimising query performance, and building automated processes with PowerShell. Experienced in mentoring junior DBAs and collaborating with cross-functional teams to support applications serving millions of customers.

## KEY ACHIEVEMENTS

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- Led migration of on-premises SQL Server databases to Azure SQL VMs, reducing infrastructure costs by £100,000
- Delivered Oracle-to-SQL Server migration, reducing reliance on third-party vendors and saving £50,000 annually
- Devised and executed database optimisation plan, slashing storage costs by 10%, reducing CPU usage by 15%, and improving query speeds by 30% across all servers
- Implemented High Availability using database mirroring with failover clustering, achieving 99.99% uptime
- Secured SQL Server environments by implementing role-based access control and TDE encryption, mitigating 10+ potential security vulnerabilities
- Mentored 2 junior DBAs in database administration and security best practices, improving team efficiency

## TECHNICAL SKILLS

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**Databases:** SQL Server (2008–2019), Azure SQL (IaaS/PaaS), MySQL, PostgreSQL, Oracle 11g/12c

**Tools & Technologies:** SSMS, SSIS, SSRS, SSAS, Redgate Suite (SQL Monitor, Compare, Backup, Index Manager), SQL Profiler, Visual Studio, Team Foundation Server

**Core Competencies:** High Availability (Mirroring, Clustering), Performance Tuning, Disaster Recovery, TDE Encryption, Change Data Capture (CDC), Query Optimisation, Capacity Planning

**Scripting & Automation:** T-SQL, PowerShell

**Platforms:** Windows Server 2012–2019, Red Hat Enterprise Linux, Azure

## PROFESSIONAL EXPERIENCE

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### NewDay Ltd

#### Senior SQL Database Administrator

June 2017 – Present

*Leading UK consumer credit provider serving millions of customers with credit cards and BNPL products.*

- Administer 50+ SQL Server databases supporting high-volume financial transactions across Development, Staging, and Production environments
- Centralised management of Azure SQL deployments, including scaling and disaster recovery, reducing recovery time by 40%
- Conduct performance tuning using execution plans, DMVs, and SQL Profiler, improving query performance by 30%
- Standardised database monitoring using Redgate SQL Monitor across all production servers, increasing database uptime to 99.99%
- Implement and maintain database security controls including TDE encryption, role-based access, and audit logging

- Provide on-call support and collaborate with infrastructure, networking, and development teams for incident resolution

## **MyUtilityGenius**

### **SQL Database Administrator & Developer**

**June 2012 – June 2017**

*Ofgem-accredited energy comparison and switching platform.*

- Developed both Domestic and Commercial energy comparison engines with multiple calculators, serving 100,000+ customers
- Administered 20+ databases across Development, Staging, and Production environments on SQL Server 2008R2/2012/2014 and SQL Azure
- Automated tariff uploads and SFTP batch file transfers using PowerShell, resulting in £25,000 cost savings
- Restructured database schema through normalisation and index optimisation, improving query performance by 20%
- Led data migration from SQL Server 2008R2 to 2012, including SSIS package migration, achieving zero data loss
- Trained 2 new database staff and maintained integrity checks, re-indexing, and statistics updates

## **IceniMobile**

### **SQL Database Administrator**

**August 2010 – May 2012**

*Mobile money services provider specialising in P2P, B2P, and remittance payments.*

- Administered 15+ databases across Development, QA, Localisation, Staging, and Production environments
- Configured High Availability using database mirroring with failover clustering, ensuring 99.9% uptime for payment systems
- Set up automated daily performance test runs, capturing Perfmon counters and SQL traces for analysis
- Prepared database growth forecasts for 6, 12, 18, and 24-month horizons to support capacity planning
- Implemented Change Data Capture (CDC) and automated Business Intelligence deployment checks
- Trained new DBA staff and provided on-call support via ticketing system

## **Previous Employers**

Unisys Corporation | Zenith Computers | Business Logistics

## **EDUCATION & CERTIFICATIONS**

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**OCA – Oracle Certified Associate in Database Administration (Oracle Corporation)**

**Master of Computer Applications (MCA) – First Class**

## **ADDITIONAL INFORMATION**

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**Languages:** English (Native), French