
AMIR AHMED MOHAMED EL AMIN

Professional Portfolio : <https://amir-dba-apex.netlify.app/>

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Senior SQL Server Database Administrator

**Senior SQL Server DBA | Performance Tuning | High Availability | Remote Database Consultant | Oracle APEX Developer
Disaster Recovery**

Professional Summary

Senior Microsoft SQL Server Database Administrator with 10+ years of experience in database systems and 8+ years specialized in SQL Server administration. Expert in performance tuning, high availability architecture, disaster recovery planning, and production database support ,Proven ability to optimize mission-critical systems, improve query performance, and maintain 99.9% uptime across enterprise environments including healthcare and hospitality sectors. Hands-on experience with SQL Server 2012–2022, Always On Availability Groups, database migrations, indexing strategies, execution plan analysis, and hybrid Azure deployments , Also experienced in Oracle APEX development for database-driven web applications and building internal business systems, Available for remote database consulting, performance optimization, and infrastructure modernization projects.

Core Technical Skills

Database Administration

- Microsoft SQL Server 2008 – 2022
- Database Architecture & Design
- High Availability & Disaster Recovery
- Always On Availability Groups
- SQL Server Mirroring
- Backup & Recovery Strategy
- SLA / RTO / RPO Planning
- Database Migration & Version Upgrades

Performance Optimization

- Advanced T-SQL Programming
- Query Optimization
- Execution Plan Analysis
- Index Design & Strategy
- Blocking & Deadlock Troubleshooting
- Query Store & DMVs
- Performance Monitoring

Database Operations

- SQL Server Agent Automation
- Maintenance Plans
- Capacity Planning
- Database Security & RBAC
- Patch Management
- Production Database Support

Cloud & Infrastructure

- Azure SQL
- Hybrid Cloud Architecture
- Windows Server 2012–2022
- VMware ESXi Virtualization

Development

- Oracle APEX Development
- PL/SQL Integration
- Database-Driven Applications
- REST API Integration

Technical Environment

SQL Server 2012–2022 | Windows Server 2012–2022 | Azure | VMware | SSMS | SQL Agent | T-SQL | Backup Solutions

Professional Experience

Senior SQL Server DBA / IT Director (Part-Time)

Landmark North Coast | May 2024 – Present

Architect and manage enterprise SQL Server production environments.
Designed high-availability architecture using SQL Mirroring aligned with business SLA requirements.
Improved database performance by 40% through indexing strategy and execution plan optimization.
Implemented structured backup and recovery models aligned with defined RTO and RPO targets.
Managed SQL patching, upgrades, and migration projects with minimal downtime.
Performed capacity planning and workload analysis for growing transactional systems.
Integrated Azure hybrid backup solutions for disaster recovery compliance.

Senior SQL Server DBA / Operations Manager

Think Perfect Solutions | May 2017 – Present

Administer multiple production SQL Server environments across industries.
Develop and optimize complex stored procedures and transactional queries.
Troubleshoot blocking, deadlocks, and high CPU utilization issues.
Monitor database health using DMVs and performance counters.
Implement maintenance plans including index rebuild, statistics update, and integrity checks.
Lead database migration and infrastructure modernization initiatives.
Ensure database security compliance using least-privilege models.

SQL Server Administrator – Healthcare Sector

Nour El Islam Hospital

Maintain high-availability healthcare database systems.
Ensure backup compliance and periodic recovery testing.
Optimize reporting workloads and transactional database performance.

Key Achievements

Maintained 99.9% uptime for mission-critical production systems
Reduced execution time of critical queries by 40%
Successfully completed multiple SQL Server migration projects
Designed DR strategy reducing recovery time significantly

Improved database stability through proactive monitoring

Key Projects

Database Performance Optimization

Optimized critical production queries by redesigning indexes and execution plans, reducing execution time by over 40%.

Disaster Recovery Implementation

Designed full backup and recovery strategy including offsite backups and recovery testing aligned with RTO / RPO targets.

SQL Server Migration Projects

Successfully migrated multiple databases across SQL Server versions with minimal downtime.

Oracle APEX Business Applications

Developed internal web-based business tools using Oracle APEX and PL/SQL integrated with enterprise databases.

Education

Bachelor of Physical Education

Professional Database Career Since 2017

Certifications & Professional Development

Database Management System (DDMS) | July 2017 – September 2017

Advanced database design principles

Query optimization techniques

Relational database architecture

Performance tuning fundamentals

Flutter Front-End Development | May 2021 – August 2021

Covered:

Dart programming language

Widgets & Layout design

Custom widget creation

State Management

RESTful API integration

SQL database connectivity

Firebase integration

GitHub version control

Application navigation & animations

MCSE – Microsoft Certified Systems Engineer

Self-Study Track

Windows Server Infrastructure

Active Directory Services

Group Policy Management

IIS & Enterprise Networking

VCAP4-DCA – VMware Certified Advanced Professional

Professional Training

Advanced Datacenter Virtualization

ESXi performance optimization

High Availability & Resource Management

Sophos XG Firewall Administration

Professional Training

Enterprise Firewall Configuration

Network Security Policies

VPN & Threat Protection

Oracle APEX Foundation

Professional Training

Application Development on Oracle Database

PL/SQL integration

DevOps Fundamentals

Professional Training

CI/CD concepts

Git & Version Control

Docker containerization

Languages

Arabic – Native

English – Professional Working Proficiency
