

David Park Omer

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Professional Summary

Senior SQL Server and data platform professional with 15 plus years of experience supporting mission-critical enterprise applications, data warehouses, and relational database platforms. Extensive experience optimizing SQL Server performance, designing scalable data solutions, troubleshooting complex database issues, and partnering with development and infrastructure teams to maintain reliable production environments.

Hands-on experience with SQL Server, Azure SQL Database, Azure SQL Managed Instance, database tuning, indexing strategies, reporting platforms, data integration, disaster recovery planning, and enterprise data architectures. Known for rapidly diagnosing performance issues, improving database reliability, and delivering practical technical solutions in complex enterprise environments

Experience

Independent Technical Projects & Platform Engineering

04/2024 – current

- Designed and implemented .NET applications, APIs, integration components, automation workflows, and relational data solutions using cloud-ready architectural patterns.
- Built repeatable development and runtime environments using Docker, cloud platforms, and documented deployment practices.
- Developed reporting and data-processing workflows and applied A.I.-assisted automation to u manual overhead.
- Designed, built, and maintain the public Et al Solutions technology platform (<https://etal.solutions>), demonstrating modern web architecture, API integration, automated deployment, and technical content delivery.

Project Consulting Services, Inc. (via TEKsystems) – Senior Consultant

08/2015 – 04/2024

- Built middleware integrating multiple vendor platforms with a Microsoft SQL Server-based data warehouse, reducing processing latency from 24+ hours to near real-time.
- Developed SQL coding standards and query design patterns that enabled developers to rapidly identify and resolve performance issues involving table variables, memory-intensive workloads, and inefficient query execution plans.
- Implemented query tuning, indexing, and database optimization practices using Azure SQL capabilities and industry-standard performance analysis techniques.
- Partnered with application development teams to troubleshoot Transact-SQL performance issues, optimize database interactions, and improve overall system reliability.
- Developed Power BI reporting and analytics solutions that transformed complex operational data into actionable business insights.

Planned Career Sabbatical & Independent Technical Projects

03/2014 – 08/2015

- Took an intentional career break while continuing hands-on technical work and professional development.
- Built .NET/MVC and browser-based applications using HTML5, CSS3, JavaScript, and SQL-backed application architecture.
- Developed responsive user interfaces, database-driven workflows, reporting views, and analytics outputs.
- Explored legacy-modernization approaches using web applications, relational databases, APIs, and integration patterns.

Steton Technology Group – Lead Architect

01/2004 – 03/2014

- Led development and operation of a SaaS platform supporting thousands of enterprise users across multiple industries.
- Designed a logical analytics layer using database views to support business intelligence (BI) and reporting workloads without impacting transactional systems.
- Led cloud platform initiatives using Azure and AWS to improve system reliability, scalability, and operational efficiency.
- Designed a disaster recovery strategy achieving a 4 hour recovery time objective with an 8 hour recovery point objective, while incorporating encryption throughout the entire disaster recovery lifecycle.
- Deployed SSIS and SSRS to enhance integration and reporting services for SaaS customers.
- Used Erwin to model customer data for storage and reporting.

Skills

Data & Databases

SQL Server 2022, Azure SQL Database, Azure SQL Managed Instance, PostgreSQL, Redis, SQLite

Database Engineering

Database Performance Tuning, Query Optimization, Index Strategy Design, Database Backup & Recovery, Disaster Recovery Planning, Data Warehousing, SSIS, SSRS, Power BI, Database Monitoring, Capacity Planning, Change Management

Programming

C#, JavaScript, Java, Python, Bash, PowerShell, T-SQL, PL/SQL, HTML, CSS

Cloud & Platforms

Azure, AWS, GCP, SaaS platforms

Architecture & Systems

Microservices, MVC, RESTful APIs, CQRS, 12-Factor App, SOLID

DevOps & Delivery

Docker, Kubernetes, CI/CD, Test-Driven Development (TDD), automated testing

Automation

Apache Airflow, Terraform, GitHub Actions, Jenkins

Leadership

Technical strategy, mentorship, stakeholder alignment