

# Shawn Eddy

## MS SQL DBA / STAC Administrator / AXON Administrator

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Highly accomplished MS SQL Database Administrator with expertise in T-SQL development, database optimization, and report conversion. Proven success in leveraging Power Automate and AI technologies to enhance performance, reduce costs, automate workflows, and ensure data integrity, driving significant improvements in system reliability and operational efficiency.

### Work Experience

MS SQL Database Administrator/STAC Administrator/AXON Administrator      Feb 2021 - Present  
*Hillsborough County Public Defender | Tampa, FL*

As a central figure in IT operations, I managed and optimized MS SQL Server databases, developed Power Automate-driven automation solutions, and evaluated AI technologies to enhance system performance and user experience. My responsibilities included leading application upgrades, ensuring data integrity, and streamlining critical business processes.

- Spearheaded MS SQL Server 2016 to 2022 database migration, ensuring seamless data continuity and system reliability for critical Case Management Systems.
- Engineering Power Automate workflows for IT ticketing and a multi-level STAC Change Request approval process, integrating with existing MS SQL databases to automate and streamline operations.
- Migrating over 150 TB of media files, leveraging T-SQL queries for precise data placement and integration into case management systems.
- Evaluating Power Automate for enterprise data sharing system replacement, proposing API-driven data reception and database integration for automated processes.
- Leveraged AI for advanced research, review, and optimization of SQL queries and internal workflows, enhancing operational efficiency.
- Converting legacy InfoMaker and Crystal Reports to SSRS for centralized reporting, improving data accessibility and analytics.
- Conducted strategic review of new technologies, including legal AI systems, to identify tools for improving attorney duties and office productivity.

### Remote Senior Program Developer

Dec 2016 - Nov 2023

*HA ThirtyOne | Remote*

Drove digital campaign execution and web development, ensuring efficiency, compliance, and enhanced user engagement.

- Developed responsive microsites and emails (HTML, CSS, JavaScript, AngularJS, Bootstrap) from design mockups.

- Led multimedia campaign deployment on automated platforms, integrating Web APIs (including Google Maps) to enhance functionality.
- Processed mail list data (CASS, NCOA) for USPS compliance.
- Analyzed campaign performance data to optimize future strategies and improve outcomes.

#### **Contract Information Technology Programmer**

Apr 2019 - Feb 2021

*Robert Half (at Hillsborough County Public Defender) | Tampa, FL*

Managed MS SQL Server databases and IT systems, ensuring data integrity, system performance, and user support.

- Administered and optimized MS SQL Server databases, including performance tuning, backup management, index optimization, and ensuring data integrity.
- Supported and upgraded multiple internal web applications and the public and intranet sites.

#### **Contract XMPie VDP**

Dec 2018 - Mar 2019

*Onward (at UNUM) | Remote*

- Developed and enhanced content personalization using variable print logic in XMPie to create variable documents and email templates.

#### **Contract HTML Email Developer**

Mar 2018 - Jul 2018

*Creative Circle (at FKQ) | Remote*

- Converted complex PDF designs into responsive HTML emails, ensuring consistent rendering across all email clients and devices, with thorough testing using Litmus.

#### **Full-Stack Developer**

Oct 2016 - Mar 2017

*Akcel Construction | Altamonte Springs, FL*

- Worked on converting an outdated Access system to a modern ASP.NET web application, improving functionality and performance. Enhanced query speed with indexing, optimized data structures, and developed T-SQL queries to support efficient database operations.

#### **Web Programmer/Variable Data Programmer/ Senior Program Developer**

Nov 2009 - Oct 2016

*Graphic Visual Solutions | Greensboro, NC*

Managed a diverse portfolio of digital marketing operations, web development, and IT support, consistently enhancing efficiency, engagement, and data accuracy.

- Engineered SQL-based automation for variable shipping labels, reducing generation time by 85%.
- Processed mail list data (CASS, NCOA) for USPS compliance.
- Managed and enhanced company websites to improve user experience.

- Developed dynamic variable data products and converted mockups into responsive microsites and email multimedia campaigns.
- Analyzed campaign performance, optimizing strategies based on data insights, leading to a 30% increase in response rates.

## Core Skills

- **Database & SQL:** MS SQL Server Databases, SQL Server Management Studio (SSMS), Transact-SQL (T-SQL), SQL Development, SQL Server Reporting Services (SSRS), SQL Profiler, SQL Server Integration Services (SSIS), Performance Tuning, Data Administration, Data Backup, Database Management System
- **Automation & AI:** Power Automate, Artificial Intelligence (AI), ChatGPT, Gemini, Claude, Grok, CoPilot
- **Reporting & BI:** Power BI, InfoMaker, Crystal Reports
- **Web Technologies:** HTML 5, CSS3, SASS, jQuery, JavaScript, VBScript, Classic ASP, ASP.NET, VB.NET, Flexbox, Bootstrap, AngularJS, IIS
- **Tools & Platforms:** Visual Studio, Visual Studio Code, Google Analytics, Progress Telerik, Visual Studio Team Services, Office 365
- **Soft Skills:** Troubleshooting, Critical Thinking, Managing Multiple Projects Simultaneously, Collaboration Skills, Problem-Solving

## Education

**DeVry Institute of Technology**

Aug 1998 - Mar 2001

**Associates Applied Science** | Electronics and Computer Technology

GPA 3.78

Member of Dean's List

Honors Graduate

## Certificates

**Microsoft Power Automate Essential Training**

Feb 2025

LinkedIn

**Microsoft Power Automate: Advanced Business Automation**

Feb 2025

LinkedIn

**SQL Server 2022 Administration**

Nov 2024

LinkedIn

**SQL: Data Reporting and Analysis**

Aug 2022

LinkedIn