

JAMES REYNOLDS

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SUMMARY

Full-stack .NET developer and SQL Server DBA with 10+ years of experience designing, delivering, and administering enterprise web applications in government and private-sector environments. Deep expertise in C#, ASP.NET, Microsoft SQL Server, and modern JavaScript frameworks, with a track record of low-risk modernization of legacy application portfolios, enterprise security remediation, and end-to-end ownership from requirements through production support.

TECHNICAL SKILLS

Languages	C#, SQL, JavaScript, PowerShell, VB.NET, PHP, HTML, CSS, XML, JSON
Frameworks	ASP.NET MVC, ASP.NET Web Forms, ASP.NET Web API, Entity Framework, React, AngularJS, LINQ, Razor, jQuery, Bootstrap
Databases	Microsoft SQL Server (Always On Availability Groups, backup & recovery, performance tuning, security hardening), MySQL
Tools	Visual Studio, VS Code, SSMS, IIS, SSRS, ArcGIS, Git, TFS, Azure DevOps, NuGet, npm, Postman, WordPress, Umbraco
Practices	Full SDLC, Agile / Scrum, OOP, Database Design, Requirements Gathering, REST APIs, System Integration, Security Remediation, Code Review, Technical Documentation, IT Procurement, Vendor Management

EXPERIENCE

Principal Consultant / Owner

July 2026 – Present

Suchware Solutions LLC — Hattiesburg, MS

- Relaunched the consultancy founded in 2016, now focused on serving Mississippi state government agencies as a registered MAGIC vendor.
- Provide phased, low-risk modernization of legacy .NET Framework application portfolios, including incremental React UI modernization without backend rewrites.
- Deliver SQL Server consulting services: security remediation (TLS/connection hardening, credential policy enforcement), high availability, backup strategy, and performance tuning.

Applications Developer

August 2025 – June 2026

Geospatial Group — Jackson, MS

- Developed a full-stack web application for MDEQ to manage and track well permit violations using C#, AngularJS, HTML, and CSS, enabling regulatory staff to efficiently review and act on compliance data.
- Designed and built Microsoft SQL tables and views wrapping existing permit data to group permits into logical compliance groups, supporting accurate violation tracking and reporting.

Senior Programmer Analyst

April 2018 – June 2026

Mississippi Department of Wildlife, Fisheries and Parks — Jackson, MS

- Owned the full lifecycle of the agency's in-house application portfolio — 17+ interconnected .NET applications (Web Forms, MVC, Web API) serving internal staff and the public — plus the SQL Server databases, SSRS reporting, and IIS infrastructure behind them.

- Designed and delivered full-stack applications including an Animal Control Permit system, Citation System, Uniform Procurement System, Print Shop Work Queue, Employee Contract System, and Parks Inspection System (C#, Entity Framework, AngularJS).
- Led an enterprise security remediation auditing 527 database connection strings across 389 configuration files, applying bulk updates via PowerShell and delivering a runbook for ongoing operations.
- Directed a password policy enforcement rollout spanning internal and public-facing applications across multiple authentication frameworks (SimpleMembership, ASP.NET Identity/OWIN), covering thousands of user accounts.
- Administered SQL Server high availability (Always On Availability Groups), backup and recovery, and performance tuning; migrated the SSRS reporting environment from SQL Server 2016 to 2022.
- Executed a multi-application server migration, resolving IIS shared configuration, machine key encryption, and SSL binding issues with minimal downtime.
- Integrated the ArcGIS API to capture and display property locations within the Animal Control Permit system and provide real-time officer location tracking in an AVL (Automatic Vehicle Location) system.
- Managed IT procurement processes including RFPs/RFQs, and monitored deliverables from third-party contractors on outsourced applications.
- Authored a Knowledge Transfer Plan covering the full application portfolio to ensure continuity at departure.

Founder / Owner

August 2016 – April 2018

Suchware Solutions — Hattiesburg, MS

- Provided software and IT consulting services to local businesses seeking customized web solutions.
- Handled the full client lifecycle solo: requirements gathering, solution architecture, proposals, delivery, and ongoing support.
- Built and maintained multiple production web systems using PHP, Laravel, and MySQL.
- Integrated third-party platforms including Magento (e-commerce), WordPress (CMS), and Stripe (payments).
- Delivered back-end dashboards for clients to monitor product/service costs and returns.

Application Developer

December 2015 – August 2016

Howard Technology Solutions — Ellisville, MS

- Collaborated with a six-person development team to build and maintain a bill payment system for the company's new Kiosk division.
- Developed a help desk ticketing system that integrated the company CRM with billing kiosks using C#, .NET Framework, and jQuery.
- Built and maintained a back-end kiosk analytics portal providing real-time usage data; database work performed in Microsoft SQL Server.
- Contributed research on digital signage vendors, directly supporting the launch of a new company business division.

EDUCATION

Bachelor of Science — Computer Science

August 2011 – May 2014

University of Southern Mississippi — Hattiesburg, MS

Computer Science (Transfer Coursework)

August 2008 – May 2011

Jones County Junior College — Ellisville, MS