

Tyler M Green

tylermgreen@gmail.com | Dallas, TX | linkedin.com/in/tylermgreen

Results-oriented Senior Software Engineer combining five years of full-stack development with over six years of enterprise business operations and client success. Builds across the stack: React and TypeScript interfaces, C#/.NET and SQL data APIs, queue-driven background services, and the automated regression and load testing that protects them. This dual expertise provides a deep, user-centric understanding of complex business logic, and a habit of starting from the business outcome and working backward to the architecture.

CERTIFICATIONS

Microsoft Certified: Azure Developer Associate (AZ-204) - November 2025

Microsoft Certified: Azure Fundamentals (AZ-900) - November 2025

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, T-SQL, HTML5, CSS3

Backend & Cloud: .NET Core, ASP.NET Core, SQL Server, Snowflake, Redis, Elasticsearch, AWS, Azure, Docker

Frontend: React 19, Redux Toolkit, Angular, Vite, SCSS, Ant Design

Testing: Playwright, k6, Jest, Vitest, Unit Testing, Integration Testing, A/B Testing Implementation

Development Practices: Agile Methodologies, CI/CD, Git, Azure DevOps, BitBucket, Technical Documentation

Solution Architecture: Requirements Gathering, Product Demonstrations, Proof of Concept

WORK & LEADERSHIP EXPERIENCE

StoneEagle F&I

Software Engineer

Dallas, TX

January 2026 to Present

- Lead the greenfield React 19 / TypeScript / Vite dashboard replacing a Sencha Ext JS legacy frontend at a multi tenant retail analytics SaaS. Defined the widget based architecture, delivered the core widget catalog (KPI Comparison, Product Penetration, Year over Year Trend, Dealer Rankings), and rolled the product out behind an internal pilot gate before external release.
- Build the reporting and analytics endpoints behind the dashboard: PostgreSQL aggregations with window functions and pivoted datasets, plus a dataset cache so sorting, filtering and paging never recompute an expensive pivot.
- Ship across the worker and event tiers: queue driven generation and delivery of scheduled reports, event publishing that syncs user and permission data between services, and retry hardened upstream integrations that fixed intermittently empty results.
- Designed end to end dashboard persistence and sharing backed by a per user settings API and hash encoded shareable URLs with an "apply shared view" banner; replaced ad hoc localStorage state with cross device durability and migrated existing users without data loss.
- Built the automated quality layer: a Playwright regression suite that runs every report across both data backends and diffs a run to run scoreboard, and a k6 load harness parameterized from real tenant data with per endpoint latency dashboards in Grafana.
- Recognized with the Excellence in Engineering award by the VP of Engineering at the company all hands, Q2 2026.

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CarOffer - A CarGurus Company

Software Engineer

Dallas, TX

October 2021 to October 2025

- Strategic Feature Development: Led the full-stack development of the 'Insights Dashboard,' designing and implementing secure, high-performance RESTful APIs with C# .NET and SQL Server to handle complex data aggregations from Elasticsearch, presented through a user-friendly React.js interface.
- Performance and Scalability: Directed the team to focus on performance optimizations, including upgrading the Node.js runtime and refactoring legacy code. These efforts resulted in a 25% faster project delivery and a more stable platform.
- Spearheaded the design and development of the 'Matrix Analyzer,' an internal tool (React.js, C#, .NET, SQL) that empowered sales teams to visualize the real-time impact of configuration adjustments, boosting platform-wide offer generation by 28%.
- Engineered and launched the 'Automated Rule' feature, implementing complex logic to create policy-based buying rules. This automation achieved a 200% higher offer approval rate and saved an estimated 5-10 hours per week per Account Executive.
- Designed, developed, and consumed RESTful APIs using C# .NET and SQL Server, focusing on performance, reliability, and security for features like Insights dashboards and Matrix rule configuration
- Implemented real-time UI updates using Pusher to provide immediate user feedback on critical background processes, enhancing the user experience.

CarOffer - A CarGurus Company

Account Executive

Dallas, TX

November 2020 to October 2021

- Managed a portfolio of 100 dealerships, facilitating both buying and selling activities

Accustyle Painting

Owner-Operator

Dallas, TX

October 2018 to November 2020

Gartner

Account Executive

Dallas, TX

July 2018 to October 2018

- Consulted with CIOs to develop and implement an effective enterprise wide strategy
- Increased book of business by 20%, adding \$90,000 in annual recurring revenue in four months
- Managed \$540,000 in annual recurring revenue across five existing clients in financial services

DealerSocket

Executive Sales Manager

Dallas, TX

May 2017 to July 2018

- Managed \$2.4 million in revenue across ten states and 6,900 accounts

Discount Nutrition Center

Owner-Operator

Sumter, SC

August 2015 to January 2017

Sewell Lexus of Dallas

Sales Associate

Dallas, TX

August 2013 to August 2015

- Team-Twenty Presidential member in both 2014 and 2015 - an award recognizing sales associates who hit 20+ cars/month for three or more months out of the year

EDUCATION

Texas Tech University

Bachelor of Arts in Economics - Minor in Technical Communication

Lubbock, TX