




# Greg Goodwin

Tech Lead and Senior Software Engineer

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## SUMMARY

Tech Lead and Senior Software Engineer with 15+ years of full-stack experience building modern, cloud-native applications. Expert in C#/.NET, TypeScript, React, React Native, Azure, and AWS. Currently leading customer-facing platform and identity initiatives at Jewelers Mutual Group, architecting scalable distributed systems, modernizing legacy platforms, and mentoring engineers across cross-functional teams.

## EXPERIENCE

### Senior Software Engineer and Technical Lead Oct 2023 - Present

#### Jewelers Mutual Group

Dallas, TX

- Led cross-functional team building customer-facing web and mobile apps (React, React Native, Angular, TypeScript) deployed on Azure and AWS, supporting large customer populations.
- Architected microservices and serverless solutions using C# and modern .NET, improving scalability and operational efficiency.
- Architected microservices and serverless solutions using C# and modern .NET, improving scalability and operational efficiency.
- Served as technical owner for the enterprise identity initiative, designing and implementing modern authentication for consumer login and machine-to-machine/API access.
- Modernized legacy monoliths into serverless and microservice architectures, improving reliability and deployment velocity.
- Standardized engineering patterns, frameworks, and cloud delivery practices across teams to improve maintainability and cross-team collaboration.

## TECHNICAL SKILLS

### Languages

C# TypeScript JavaScript  
Python Go SQL

### Frontend

React React Native  
Angular HTML5  
CSS / Tailwind

### Backend / APIs

Node.js ASP.NET Core  
GraphQL gRPC  
API Design

### Cloud and DevOps

AWS Azure  
Infrastructure as Code (IaC)  
Terraform CI/CD Spacelift  
Azure Pipelines Kubernetes  
GitOps

### Data

SQL Server PostgreSQL  
MongoDB Redis  
T-SQL / PL/SQL  
Data Modeling

### Architecture

- Mentored engineers with technical direction and code review, achieving a 50%+ reduction in customer-reported issues within six months.

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## Software Engineer II

Sep 2022 - Sep 2023

### Bank of America

Dallas, TX · Remote

- Delivered new features and defect resolutions for financial advisor tools using .NET and JavaScript, improving usability and onboarding workflows.
- Improved web application performance 30% using C#, ASP.NET, and Handlebars templating.
- Delivered Agile initiatives on schedule using Jira, Bitbucket, and Jenkins CI/CD workflows.

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## Senior Application Developer

Sep 2020 - Sep 2022

### Nations Photo Lab

Full-time · Remote

- Delivered multiple WPF MVVM features that improved user experience by 20%.
- Supported product and fulfillment systems managing 500+ SKUs across 20+ partner relationships.
- Integrated Salesforce and imported 10,000+ orders, boosting revenue through improved reporting pipelines.
- Improved public-facing back end with C#, .NET, and SQL Server, cutting page load times by 30%.

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## Software Developer

May 2019 - Sep 2020

### Pounds Photo Lab

Dallas, TX

- Reduced software errors by 30% and increased efficiency 20% through targeted optimization of photo services applications.
- Modernized legacy Windows and web systems, delivering a 30% operational throughput gain.

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## Software Developer

Aug 2015 - May 2019

### Photo Texas Photography

Full-time · Austin, TX · On-site

- Led software development for Texas's leading school photography company, reducing delivery time and boosting customer satisfaction.

Modular Monolith

Microservices

Event-Driven Architecture

Message-Driven Systems

Serverless

Backend-for-Frontend (BFF)

Clean / Hexagonal Architecture

API-First Design

### Design Patterns

Dependency Injection

Strategy Pattern

Adapter Pattern

Facade Pattern

Repository Pattern

### Engineering Practices

Domain-Driven Design (DDD)

Test-Driven Development (TDD)

SOLID Principles

Refactoring

Technical Documentation

### Identity and Access Management

OAuth 2.0 / OIDC

SSO / Federation

JWT / Token-Based Auth

CIAM / IAM

RBAC / ABAC

Federation Patterns

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### DELIVERY PRACTICES

Agile / Scrum

Jira

Azure DevOps

Code Review

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### DOMAINS

InsurTech

FinTech

- Built automated shipping tools boosting productivity 30% and cutting costs 20%; promoted to leadership in under two years.

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## Earlier Roles

1999 - 2015

**Software Developer — Loon Studios (2009-2015):** Delivered tailored software and web solutions to small businesses using C#, ASP.NET MVC, and SQL Server. Mentored 50+ veterans transitioning into software development.

**Software Developer — WEX Health (2008-2009):** Resolved 95% of active issues in health insurance web applications using C#, ASP.NET, and SQL Server.

**Software Developer — Merrill Corporation (2006-2008):** Migrated legacy systems to ASP.NET/VB.NET, boosting reliability 50%.

**Software Developer — WAND Corporation (2005-2006):** Built software for fast-food kiosk systems.

**Software Developer — ERUCES (2000-2001):** Web-based medical billing software; pioneered database encryption.

**Web Developer — United Television (UPN) (1999-2000):** Developed early CMS for news/weather delivery using Classic ASP.

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## Specialist E4 — Aviation Battalion

Sep 2001 - Nov 2004

### United States Army — 3rd Infantry Division

Deployed during Operation Iraqi Freedom. Earned five military medals for performance, leadership, and mission execution. Honorably discharged.

E-Commerce

Healthcare IT

Legal Tech

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## MILITARY SERVICE

U.S. Army Veteran  
3rd Infantry Division  
Honorably Discharged