

# Justin Morse

## Lead Software Engineer

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### Profile

Dedicated Lead Software Engineer specializing in architecting scalable, fault tolerant, and high-performance software systems using C#/.NET, Azure, React, and Blazor. Proven track record in process improvement, resulting in efficient, cross-functional team workflows.

### Professional Experience

**Senior Software Engineer**, *Optum Serve (via TEKSystems)*

2025 Feb – Present  
La Crosse, WI (Remote)

- **Feature Team Mentoring:** Mentored and guided engineers on a Disability Benefits Questionnaire (DBQ) domain feature team through pair programming, detailed code reviews, and enforcing high engineering standards to improve code quality and consistency.
- **Team Enablement & Skill Development:** Provided onboarding guidance and knowledge transfer sessions to new team members to accelerate ramp-up. Coached junior and mid-level engineers on Blazor, cloud deployment patterns, and domain-specific architecture.
- **Cross Feature Team Collaboration:** Facilitated technical decision-making across multiple feature teams, partnering closely with the Lead Software Engineer to drive architectural alignment and resolve cross-domain engineering challenges.
- **Modern CI/CD Deployment Strategies:** Prototyped and implemented modern CI/CD deployment approaches in collaboration with cloud infrastructure teams, enabling our domain to adopt approved deployment patterns using CDK8s libraries, Azure DevOps pipelines, and ArgoCD for cloud and on-prem deployments.
- **Shared Common Backbone Library:** Co-built the Nexa Forms Library, an extensible, domain-agnostic Blazor forms framework used across internal and external applications to accelerate form creation and ensure UI consistency.

**Lead Software Engineer**, *ABI, Inc.*

2023 May – 2024 Nov  
Sacramento, CA  
(Remote)

- **Architectural Design and Implementation:** Created, documented, and communicated architectural designs to stakeholders across teams.
- **Modern Development and Deployment Advocacy:** Drove the adoption of modern development and deployment strategies using C#, .NET, Azure, and Azure DevOps.
- **Mentorship and Direction:** As a lead, I provided mentorship and guidance across multiple development teams in the form of pair programming, code reviews, and providing code standards.
- **Strategic Planning:** Collaborated with stakeholders and the product team to develop strategies and roadmaps for deliverables.

- **Distributed Systems:** Developed modern service bus architecture both on-premise and in Azure using Kubernetes Redis, and RabbitMQ.
- **DevOps:** Built and managed Continuous Integration/Continuous Deployment (CI/CD) pipelines and build, test, and deployment strategies using Azure DevOps.

**Lead Software Engineer, Mortgage Connect, LP**

2019 Aug – 2023 May  
Denver, CO (Remote)

- **Team Leadership:** Led a team of six software developers, providing technical direction and overseeing the software development process. Ensured timely deliverables by delegating tasks and meeting client and regulatory deadlines. Oversaw coding standards and code reviews.
- **Product Planning and Architecture:** Participated in planning and architectural decision making for new products and scaling existing products.
- **Team Development:** Conducted one-on-one meetings, set monthly and yearly goals, supported team members' career paths, and resolved technical and non-technical issues.
- **Distributed Systems:** Developed and maintained scalable .NET and .NET Core-based microservices and APIs.
- **Front End:** Designed and implemented Angular and React dashboards to meet internal client needs.
- **DevOps:** Built and managed Continuous Integration/Continuous Deployment (CI/CD) pipelines and build, test, and deployment strategies using Azure DevOps.

**Lead Software Developer, Tiger Correctional Services**

2014 Jul – 2019 Aug  
Jonesboro, AR

- **Developed and Maintained .NET Applications:** Specialized in creating and supporting applications used in the prison, jail, and law enforcement fields.
- **Computer Aided Dispatch System:** Designed and implemented a Computer Aided Dispatch system for multiple clients using Windows Presentation Foundation (WPF) and .NET.
- **911 Dashboard:** Developed a front-end web view for 911 information in officer vehicles using ASP.NET MVC and SignalR, hosted on Azure.
- **Project Lead for Incidents Module:** Led the project for the Incidents module, enhancing its functionality to help customers report crime statistics to the FBI and state agencies.
- **Migration to WPF/C#:** Lead developer in migrating the main product from WinForms/VB.NET to WPF/C#.
- **Leadership:** Performed code reviews for junior developers and managed Jira item creation and prioritization for various projects.

**Software Developer, Relativity, Inc.**

2013 Jun – 2014 Jul  
Jonesboro, AR

- **Application Development and Maintenance:** Developed and maintained primarily .NET-based applications for government and law enforcement fields.
- **Software Lifecycle Contribution:** Played a key role in analyzing, designing, coding, and testing software used by hundreds of law enforcement and government agencies.
- **Crime Mapping Product Optimization:** Streamlined an existing crime mapping product built using ASP.NET, including maintaining and updating web pages, web services, and Windows services.

## Education

**Bachelor's degree, Computer Science**, Arkansas State University

2011 – 2013  
Jonesboro, AR

**Associate of Arts**, Arkansas Northeastern College

2004 – 2006  
Blytheville, AR

## Skills

- C#
- .NET Core
- NoSql
- Azure DevOps
- Continuous Integration (CI)
- CI/CD
- Microservices
- RabbitMQ
- Distributed Systems Development
- Containerization
- Git
- Angular
- ASP.NET MVC
- Mentorship
- Blazor
- .NET
- SQL
- Azure
- Kubernetes
- Continuous Delivery (CD)
- Software Architecture
- Redis
- Service Bus Architecture
- Docker
- Agile Methodologies
- API Development
- React
- Architectural Design
- Software Development Lifecycle (SDLC)

## References

**Aaron Alex**, Development Manager, ABI Inc.  
(707)-953-6352

**Chris McMahon**, Software Developer, Mortgage Connect  
(850)-947-3364

**Steve Schley**, Software Developer, Mortgage Connect  
(918)-513-2038