

Jessica Haynes

Senior Full-Stack Software Developer | .NET, C#, Angular | Team Lead

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PROFESSIONAL SUMMARY

Senior Software Developer and Team Lead with 9+ years of experience designing, building, and scaling full-stack enterprise applications. Deep expertise across the stack in .NET, C#, MySQL, Entity Framework, and Angular, with a strong focus on scalable system architecture, RESTful API design, and polished frontend delivery. Proven track record leading cross-functional engineering teams, driving modernization and observability initiatives, implementing SSO/OIDC/SAML identity solutions, and integrating agentic AI coding tools (Claude Code, GitHub Copilot) into team workflows to improve code quality, efficiency, and test-driven development practices.

TECHNICAL SKILLS

Languages & Frameworks: .NET, C#, ASP.NET Web API, Entity Framework, LINQ, Angular (2+), AngularJS, TypeScript, JavaScript, HTML5, CSS, SQL Server, MySQL

Architecture & Practices: RESTful API Design, Microservices, CQRS, Domain-Driven Design (DDD), Repository Pattern, Dependency Injection, SOLID Design Principles, OAuth2/JWT Authentication, Swagger/OpenAPI, Identity & Access Management (SSO, SAML, OIDC)

Testing & Quality: Test-Driven Development (TDD), Unit Testing (xUnit, NUnit, MSTest), Frontend Testing (Jest), Agile/Scrum, CI/CD (Azure DevOps, GitHub Actions)

Cloud & DevOps: Azure, AWS, Docker, Redis, MongoDB, Git, Application Insights, Serilog, Datadog, Veracode

Database & Performance: Stored Procedures, Query Optimization, Database Performance Tuning

Tools & Platforms: Visual Studio, VS Code, SQL Server Management Studio, GitHub, Jira, Bitbucket

AI-Assisted Development: Claude Code, GitHub Copilot, ChatGPT, Agentic Coding, Prompt Engineering

PROFESSIONAL EXPERIENCE

Senior Software Developer (Team Lead), 8am

March 2022 – Present

Austin, TX / Remote

- Lead developer on a cross-functional team of four engineers, partnering with Product, QA, and DevOps to design and deliver robust, scalable full-stack solutions using .NET, C#, MySQL, Entity Framework, and Angular.
- Championed testing, logging, and observability improvements that drove a quality-focused culture change, achieving 6+ months of incident-free production and a 50% reduction in support escalations.
- Optimized a nightly background job via dictionary lookups, batch database commits, and deferred notifications, reducing runtime by 95% and enabling scalable high-volume processing.
- Spearheaded the team's adoption of agentic AI coding tools, primarily Claude Code alongside GitHub Copilot, improving engineering efficiency, code quality, and adoption of test-driven development practices.
- Implemented Single Sign-On (SSO) for the company's payment processor, integrating with clients' existing Identity Providers to streamline authentication and improve user experience.
- Authored technical specifications, triaged production issues, and mentored developers through pair programming and detailed code reviews.
- Overhauled onboarding documentation and project standards, accelerating ramp-up for new QA and engineering hires.

Lead Developer, Proplanner.net

January 2020 – March 2022

Ames, IA

- Designed, developed, and supported an Identity and Access Management (IAM) service using C# and .NET.
- Configured and supported SAML and OIDC identity provider connections across all client environments.
- Led a team of engineers to reduce total security vulnerabilities by 81% across all Proplanner applications.
- Designed and implemented security features including audit tracking and user session timeouts.
- Partnered directly with clients to gather feature specifications and resolve deployment issues.
- Mentored a team of four interns, ensuring seamless onboarding and meaningful contributions to project deliverables.

Senior Software Engineer (Team Lead), Growers Edge

February 2019 – January 2020

West Des Moines, IA

- Served as technical lead across multiple projects, owning project design, task assignment, and delivery timelines.
- Collaborated with product owners to identify risks early and recommend alternative technical solutions.
- Trained and mentored junior engineers in programming methodologies and industry best practices.
- Designed and implemented new features using .NET and Angular 7 within an Agile development environment.
- Built, managed, and deployed applications on Microsoft Azure cloud services.

Senior Software Developer, Proplanner.net

December 2017 – February 2019

Ames, IA

- Increased the client base by 200% by leading an initiative to modernize a web platform using ASP.NET Web API and Angular 4+, and expanding its customization capabilities.
- Collaborated with application engineers to gather requirements and design solutions to manufacturing workflow challenges.
- Prioritized and assigned tasks for a small team of developers, ensuring on-time delivery.
- Authored detailed technical design documents with time estimates for incoming projects.
- Provided technical guidance on bugs and enhancements to fellow engineers.
- Reduced support workload by building a tool to automate the build process.

Programmer, Proplanner.net

May 2016 – December 2017

Ames, IA

- Developed and tested features for a .NET Windows desktop application.
- Integrated with third-party applications and services.
- Debugged and resolved critical software issues with rapid turnaround.

EDUCATION

Bachelor of Science in Computer Science

Iowa State University — Ames, IA | 2016