

Jason Skinner

Lead Software Engineer / Full Stack Architect

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Full-stack engineering leader with 15+ years building and designing enterprise-grade web applications for mission-critical operations. Expertise in Angular/React, .NET, and Azure with a proven record leading cross-functional engineering teams, defining architectural vision, and delivering high-ROI software. Blends technical depth with UX/UI design experience to build intuitive, scalable systems. Passionate about code quality, continuous improvement, and mentoring engineers.

Skills

- **Frontend:** Angular, React, TypeScript, NX, RxJS, Apollo, Material, DevExtreme, Figma
- **Backend:** .NET 8-10, C#, ASP.NET Core, Python, GraphQL (Hot Chocolate), REST APIs, SQL Server
- **Messaging & Data:** RabbitMQ, MQTT, PostgreSQL, Entity Framework
- **Cloud & DevOps:** Azure, Azure DevOps, Atlassian, GitHub, Docker, CI/CD, Git, SonarQube
- **Testing:** Jest, Playwright, Karma, Unit/Integration Testing
- **Leadership & Architecture:** Microservices, Modular Architecture, Mentoring, Agile/Scrum

Experience

Cat Squared / R&D Technical Lead Developer & Lead UI/UX Designer

December 2020 - PRESENT | Conway, AR (Remote)

Previous roles: Lead Frontend Engineer (2022-2023), Senior Web Application Engineer (2020-2022)

- Architected next-generation Manufacturing Execution System (MES) platform supporting real-time production monitoring, yield tracking, traceability, quality management, and ERP integration (SAP, Dynamics, Oracle) for global food processors.
- Led cross-functional R&D engineering teams from around the world; owned sprint planning, architecture decisions, roadmaps, and stakeholder alignment across multiple departments.
- Designed and engineered an enterprise Angular component library and design system adopted across all internal applications, improving development velocity and UI consistency.
- Built and maintained full-stack architecture across Angular applications, .NET 8-10 microservices, Dockerized environments, Azure DevOps pipelines, and industrial messaging systems.
- Developed a secure multi-tenant authentication and authorization system integrating custom identity UI with ASP.NET Core Identity and modern RBAC patterns.
- Created high-fidelity prototypes, dashboards, and workflow interfaces in Figma used for plant-floor devices and management analytics.
- Delivered dashboards and reporting solutions for operational KPIs, production forecasting, and real-time performance visibility.
- Championed engineering best practices, including component testing (Jest, Playwright), performance optimization, accessibility, and code quality standards.

Tech: Angular, React, NX, TypeScript, .NET 8-10, RabbitMQ, MQTT, SQL Server, PostgreSQL, Docker/K8s, Azure DevOps, SonarQube, Material Design, Figma, Power BI

Metova / Senior Software Developer

May 2018 - December 2020 | Conway, AR

- Developed a HIPAA-compliant telehealth platform supporting secure virtual consultations and medical data workflows.
- Modernized real-time analytics platform for a major pipeline/oil industry client, improving operational visibility and dashboard performance.
- Developed a Shopify-integrated tool with automated manufacturing workflow integration.
- Rebuilt investment firm web platform with secure client portal, portfolio tools, and improved performance.

Team SI / Director of Operations - Engineering

February 2015 - April 2018 | Little Rock, AR

- Led software operations for the agricultural equipment reseller division, overseeing delivery across a large dealer network.
- Managed complete development lifecycle using Sitefinity CMS and guided technical strategy for division growth.
- Coordinated project delivery with marketing, sales, and external development teams.

Integrity / Senior Software Developer

March 2013 - January 2015 | St. Louis, MO

- Led development teams delivering custom web applications and digital solutions for enterprise clients.
- Architected full-stack solutions for client websites and software

University of Arkansas for Medical Sciences / Senior Web Developer

January 2011 - May 2013 | Little Rock, AR

- Architected complex WordPress multisite networks for healthcare content and patient resources.
- Integrated systems with EPIC EHR for secure clinical data workflows ensuring HIPAA compliance

Education

Ouachita Baptist University / Computer Science, Graphic Design, Mass Comm, Speech Comm

2001 - 2005 | Arkadelphia, AR