

BAILEY MILLER

Software Engineer | Full-Stack Development | baileymiller@live.com | github:[BaileyMillerSSI](#)

PROFESSIONAL SUMMARY

Full-stack software engineer with 6+ years of experience building React, Next.js, C#, and SQL Server applications for large-scale ecommerce operations. Experienced in stakeholder collaboration, backend integrations, internal tooling, and workflow automation for business-critical teams.

CORE SKILLS

Languages & Frameworks: C#, TypeScript, JavaScript, React, Next.js, .NET Aspire

Data & APIs: SQL Server, GraphQL, MassTransit, RabbitMQ, Event-driven systems, REST, MVC

Tools & Practices: Azure DevOps, Scrum, Full-stack development, Requirements gathering, Technical leadership, Azure, AI-assisted development, Claude Code, Codex, and Copilot

PROFESSIONAL EXPERIENCE

Software Engineer II | Webstaurant Store | Lancaster, PA (Remote)

January 2020 – Present

Build React and C# applications for internal operations at the country's largest ecommerce restaurant supply distributor, serving as lead developer on solo and small-team projects within a 400+ developer technology organization.

- Partner with product owners and business users to gather requirements, align on timelines, and deliver solutions to operational challenges.
- Built and launched a Next.js application that centralized administrative workflows for the company's charity program, supporting \$2.8M+ in charitable contributions.
- Led the transition to a GraphQL API for HR software used by 8,000+ employees across multiple internal tools.
- Replaced a legacy ColdFusion out-of-stock order system with a scalable React application supporting thousands of daily product orders across customer service and fulfillment.
- Designed a company-branded Scrum refinement tool that replaced unreliable or paid third-party tools and standardized weekly backlog refinement for business analysts department-wide.
- Supported college recruiting and student outreach initiatives.

IT Services Intern | Susquehanna Software | Williamsport, PA

May 2016 – April 2018

- Implemented feature requests alongside the lead developer for the company's flagship application.
- Designed, developed, and tested reports and user interfaces.
- Created customer discovery tools using previously unavailable metrics from website traffic data.

EDUCATION

B.S. in Software Development & Information Management | Pennsylvania College of Technology

Summer 2016 - December 2019

PERSONAL PROJECTS

- Built a JavaScript implementation of the classic DVD screen saver effect for use as a desktop wallpaper.
- Created a full-stack cross-service music sharing platform hosted on Azure using C# and .NET Aspire.