

Ian Frye

Programmer Analyst | Full Stack Software Developer

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PROFESSIONAL SUMMARY

Results-driven Full Stack Software Developer with hands-on experience architecting and implementing enterprise-level solutions across 200+ retail locations. Proven expertise in leading critical business system development, from CRM and ERP platforms to real-time inventory monitoring and automated workflow systems. Skilled in translating complex business requirements into scalable technical solutions while maintaining exceptional code quality and performance. Strong collaborator with demonstrated ability to work effectively with executive leadership, operations teams, and technical stakeholders to deliver high-impact software that drives operational efficiency and business value.

WORK EXPERIENCE

Quality Oil Company – Programmer Analyst

Winston-Salem, NC | September 2024 - Present

Lead development and maintenance of multiple business-critical systems supporting fuel operations across 200+ retail locations. Architect and implement full-stack solutions that automate business processes, improve operational efficiency, and enable data-driven decision-making.

Key Projects & Responsibilities:

- Developed QTicket notification and maintenance ticketing system with role-based permissions, department-specific workflows, and automated escalation processes
- Built QPoll fuel inventory polling system integrating with Veeder Root tank monitoring systems to provide real-time fuel level tracking across all company locations
- Led QuickBooks API integration project to automate invoice processing, eliminating manual data entry and reducing accounting workload by 15+ hours per week
- Architected and maintain QAudit business auditing platform and MarketHub marketing intelligence system
- Implement clean architecture patterns using CQRS, ensuring scalable and maintainable codebases
- Collaborate with operations, executive, accounting, and technical teams to translate business requirements into technical solutions

Technical Environment: Backend: NestJS, .NET/C#, Node.js | Frontend: React, TanStack Start, TypeScript | Databases: SQL Server, PostgreSQL | Tools: Docker, Entity Framework Core, Prisma ORM, APIs

The Resource – IT Administrator / Recruiter

Winston-Salem, NC | July 2022 - September 2024

- Successfully matched candidates with client job requirements, enhancing hiring outcomes
- Streamlined onboarding processes and maintained documentation for new hires

- Identified process gaps and implemented innovative solutions to improve operational efficiency
- Provided IT support and developed strategies to align technology with business objectives

Spectrum – Low Voltage Technician

Greensboro, NC | September 2021 - July 2022

- Installed and maintained networking and communication systems, ensuring reliable connectivity
- Delivered exceptional customer service and resolved technical issues promptly
- Analyzed and troubleshoot broadband network problems, optimizing performance and functionality

EDUCATION & CERTIFICATIONS

Associate Degree in Software Engineering (C# Concentration)

Forsyth Technical Community College | Expected May 2026

Front End Developer Bootcamp Graduate | Scrimba.com | January 2023

TECHNICAL SKILLS

Languages & Frameworks	Databases & Tools	Development Practices
TypeScript / JavaScript	SQL Server	Agile / Scrum
C# / .NET	PostgreSQL	Clean Architecture
Node.js / NestJS	Docker	CQRS Pattern
React / TanStack	Entity Framework Core	API Development
Java / Dart	Prisma ORM	Microservices