

Giovanni Rufino

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[GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Full-Stack Software Engineer and AI Chapter Lead specializing in .NET Core and Azure. Proven track record of modernizing enterprise architectures, driving APIs to a "Gold" standard, and reducing AI generation times by over 60%. Adept at bridging engineering, data, and product teams to deliver secure, performant, and innovative web applications. Brings a unique background in operational management, driving a strong business-focused approach to software development.

SKILLS

- **Languages:** C#, Python, JavaScript, SQL, HTML, CSS
- **Frameworks & Libraries:** .NET Core, Node.js, ReactJS, Express, Flask
- **Databases & Cloud:** PostgreSQL, Azure Cloud Services, Cosmos DB
- **Tools & Architecture:** Git, CI/CD Pipelines, LaunchDarkly, Microservices architecture, API Testing
- **Specialized:** AI Prompt Engineering, Agile/Scrum, Project Management

PROFESSIONAL EXPERIENCE

Relias LLC, Morrisville, NC

Software Engineer | October 2024 – Present

- **Engineering Excellence:** Spearheaded the tech debt overhaul of the Regulation Management API, achieving "Gold" status in Cortex (1 of 4 out of 63 company repositories) by resolving SonarCloud issues, optimizing memory allocations, and increasing unit test coverage from 60% to >80% across 452 passing tests.
- **Performance Optimization:** Designed and implemented a two-tabbed UI overhaul for the Regulation Updates page, overcoming complex technical limitations and reducing page load times from 10 seconds to sub-1.5 seconds.
- **AI Integration & Cross-Functional Leadership:** Collaborated strategically with the Data & Analytics team to refine Regulation AI Summaries prompts. Removed unnecessary LLM reasoning to reduce summary generation time from 30 seconds to under 10 seconds while improving output quality.
- **Feature Development:** Developed a universal Citation Formatter for all 50 states, unblocking legal and technical deployment hurdles. Engineered the "States of Service" architecture via LaunchDarkly, allowing dynamic feature flag releases by state and

eliminating manual organization lists.

- **Leadership:** Serve as Chapter Lead for both the AI Foundational and AI Engineering Chapters, driving enterprise-wide AI adoption. Established CI/CD security standards by implementing CODEOWNERS for automated PR reviews and authoring Cosmos DB authentication documentation.

Associate Software Engineer | July 2022 – October 2024

- **System Architecture:** Identified and resolved complex data flow issues in the anti-corruption layer (ACL), facilitating the company's critical transformation from a monolithic architecture to a microservices-based ecosystem.
- **Backend Development:** Engineered backend functionality for a high-impact AI Chatbot project using C# and the .NET framework, successfully delivering under tight stakeholder deadlines.
- **Security & Integration:** Unblocked mobile team integrations by auditing identity provider scopes and writing automated migration scripts to harden data security. Resolved critical LaunchDarkly SSO bottlenecks, enabling autonomous user management for the IT department.
- **Mentorship:** Fostered team growth by leading training sessions on feature flag management and mentoring junior engineers through visual logic mapping and complex architecture walkthroughs.

Creedmoor Forest Products, Creedmoor, NC

Purchasing Specialist | June 2019 – July 2022

- Managed preventative maintenance work orders and optimized parts procurement pipelines, directly contributing to an increase in operational uptime from 55% to 85% over a two-year period.

Lowe's Corp, Henderson, NC

Assistant Store Manager | June 2014 – June 2019

- Directed retail operations generating \$25-60 million in annual sales, managing \$5-20 million in controllable expenses.
- Executed strategic turnaround initiatives that transformed a location operating at a \$1 million annual deficit into a profitable store generating \$1 million per year.

EDUCATION

Software Engineering Certificate

Springboard Software Engineering Career Track

- **Key Focus Areas:** Front-end & Back-end web development, Databases, Data structures, and algorithms.

AS in Business Management

Johnson & Wales University, Providence, RI

CERTIFICATIONS

- **Microsoft Certified: Azure Developer Associate (AZ-204)** (Recertified 2025)
- **Microsoft Certified: Azure AI Fundamentals (AI-900)** (June 2024)
- **Microsoft Certified: Azure Fundamentals (AZ-900)** (February 2023)