

# Justin Graham

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## Summary

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Backend-focused full stack software engineer with 4+ years of experience designing, debugging, and optimizing production systems in C#, C++, and Python. Strong background in distributed systems, database investigation, and cross-team incident resolution. Proven ability to diagnose complex infrastructure issues, improve system reliability, and deliver high-quality features in fast-paced environments.

## Experience

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### Varonis Systems | Morrisville, NC

#### Escalation Engineer | 10/2024 - Present

- Serving as technical escalation point for complex production issues across authentication, data delivery, and event collection services.
- Responsibilities include debugging and analyzing C# and C++ backend services in distributed environments to identify root causes of high-severity customer-impacting incidents.
- Investigate SQL-level data inconsistencies and system state issues to restore data integrity and prevent recurrence.
- Collaborate with engineering, infrastructure, and deployment teams to coordinate multi-service remediation efforts.
- Identify recurring defect patterns and contribute to long-term codebase and architectural improvements.

### DaVinci Lock Raleigh | NC

#### Software Developer | 11/2022 - 08/2024

- Designed and implemented backend features in C# (.NET / .NET Framework) supporting lock management and automated notification services.
- Built and optimized SQL queries and data models to improve reliability and system responsiveness.
- Contributed to major product features used in production environments serving commercial clients.
- Collaborated with frontend engineers using React and TypeScript to deliver full-stack feature implementations.
- Reduced production defects by proactively identifying and resolving issues prior to deployment.
- Participated in agile sprint cycles, contributing to rapid iteration and feature delivery under tight deadlines.

### Crispin Corporation | Raleigh, NC

#### Software Developer | 07/2021 - 11/2022

- Developed backend systems, Windows services, and web applications in C#, Python, and C++.
- Served as sole developer on multiple client-facing software projects, owning architecture, implementation, testing, and deployment.
- Built customized software solutions for diverse clients, increasing client satisfaction and repeat engagement.
- Automated internal processes and repetitive workflows using scripting tools, improving development efficiency.
- Designed and implemented scalable application logic supporting production usage.

## Links

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- LinkedIn: <https://www.linkedin.com/in/justin-graham-29050b162/>
- Github: <https://github.com/J-Graham22>
- Portfolio: [www.justingraham.netlify.app](http://www.justingraham.netlify.app)

## Technical Skills

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C#, .NET, C/C++, Python, Java, Go, Typescript, Javascript, React, Svelte, Gin, Gorm, REST APIs, SQL, Kotlin, GraphQL, Redis

## Education

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University of North Carolina At Chapel Hill | Chapel Hill  
Computer Science | 05/2021