

Nikolas Greenfield

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SUMMARY

Software Developer with a Secret Clearance and 2 years of experience in full-stack roles, specializing in C#, .NET, and Typescript. Demonstrated success optimizing application performance and reducing load times through advanced coding techniques including multi-threading and test-driven development. Proven track record in remote agile environments, contributing to high-quality, scalable, consumer-facing software solutions. Brings a strong understanding of relational databases, version control, and technical security fundamentals to deliver reliable user experiences.

RELEVANT EXPERIENCE

3SI Security | Software Developer [Secret Clearance] October 2023 – July 2025

- Enhanced third-party application functionality by integrating WPF, C# (MVVM), and MS SQL Server within a multi-service, federated architecture to deliver efficient and reliable workflows.
- Optimized code efficiency by implementing multi-threading paradigms, achieving a greater than 60% reduction in video file creation times and a 90% reduction in application load times.
- Developed robust applications using the .NET Framework with production-grade logging, unit testing and mocking, and Git and Bitbucket version control, ensuring SDLC guidelines.
- Pioneered documentation and diagramming efforts to improve project understanding and analyze and optimize caching systems.
- Resolved and prevented production issues by employing production logging, field debugging, and custom database analysis tools.

Parsons Corporation | Software Engineering Internship May 2023 – September 2023

- Developed data visualization dashboards, SharePoint list storage solutions, and pdf generators to provide creation, completion, and final storage of user applications utilizing Power Apps, Power Automate, OneDrive, and SharePoint.
- Collaborated in daily standups, client meetings, sprint retrospectives, and planning meetings in a remote Agile/Scrum environment to ensure high-quality software delivery.
- Utilized cooperative development tools such as Jira iteration boards, Azure Dev-Ops, Slack communication, and Confluence documentation to ensure effective communication and coordinated software development practices

Capstone React Native Mobile App (Group Project) Spring 2023

- Developed a cross-platform React Native mobile application applying Google's Maps and Trail APIs for an interactive map-oriented game, backed by Amazon Web Services (AWS) Lambda Function RESTful APIs and a DynamoDB No-SQL database.

OTHER SKILLS

- **Programming Languages:** C#, JavaScript, Typescript, C, C++, Python, Arduino
- **Frameworks & Tools:** .Net Framework, WPF, WCF, XAML, Visual Studio, IntelliJ IDE, HTML, CSS, Loupe logging, MSTest & Moq
- **Databases:** SQL, DynamoDB
- **Software Practices:** Software design patterns, Version control systems, Agile/Scrum

CERTIFICATIONS

CompTIA Security+ (SY0-701) **Earned: June 2025**

EDUCATION

Virginia Tech **Graduated: May 2023**
Bachelor of Science in Computer Science **GPA: 3.66**