

Nicholas Trimble

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SUMMARY

Software Engineer with a focus on C# and the .NET ecosystem, supported by a strong foundation in Python web development. Experienced in building secure REST APIs and data driven dashboards with a track record of rapidly mastering new technical stacks to improve business operations.

EXPERIENCE

- NDX Greens Dental** 2015–Present
Heber Springs, AR
- NDX Doctor Analytics Dashboard** | [\[GitHub\]](#) March 2026 – Present
- Software Engineer** *March 2026 – Present*
- Developing a production dashboard to track remake trends and identify production bottlenecks in the lab.
 - Built an automated sorting system to categorize remakes by source which improved data accuracy for quality control reports.
 - Created a risk assessment module to identify accounts with high variance to help with retention strategies.
 - Implemented a search bar with real time suggestions to speed up doctor record lookups.
- Dental Lab Technician** *May 2015 – March 2026*
- Maintained a 10 year record of precision production and led technical training for new hire onboarding.

PROJECTS

- IT Service Desk Ticketing System** | [\[GitHub\]](#) April 2026
C#, ASP.NET Core MVC, SQL Server, Entity Framework Core, Bootstrap 5
- Built a secure ticketing dashboard using .NET 10 to manage and track internal support requests.
 - Created a claim system using C# logic that handles ticket ownership and automatic status transitions.
 - Designed a custom dark theme interface with Bootstrap 5 to provide a modern enterprise user experience.
 - Used LINQ queries to implement dynamic search and filtering across the entire ticket database.
- Order Management API** | [\[GitHub\]](#) March 2026
C#, ASP.NET Core, EF Core, SQLite, JWT Authentication
- Designed a backend API that supports users and orders with relational data modeling.
 - Implemented JWT authentication to enforce user ownership and protect sensitive data endpoints.
 - Wrote business logic for order lifecycles including draft creation and submission constraints.
 - Integrated Swagger UI to provide interactive documentation for testing API endpoints.
- MetaNexus — TCG Deck Builder** | [\[GitHub\]](#) Jan 2026 – Feb 2026
Django, Python, JavaScript, Redis, WebSockets
- Built a real time community chat feature by using WebSockets and Redis for message handling.
 - Created a data pipeline to pull 30,000 records from an external API with rate limiting for stability.
 - Designed a dynamic search bar using JavaScript to filter database queries without page reloads.

TECHNICAL SKILLS

Languages: C#, Python, JavaScript, SQL, HTML5, CSS3
Frameworks: ASP.NET Core MVC, Entity Framework Core, Django, Flask, Bootstrap
Tools & Cloud: Azure, Git, Docker, REST APIs, JWT, Redis, WebSockets, Postman, Linux

EDUCATION

- Western Governors University** Salt Lake City, Utah
Bachelor of Science in Software Engineering Jan 2025 – Aug 2025
- Completed the full degree program in 8 months by demonstrating competency through accelerated assessments.

CERTIFICATIONS

AWS Cloud Practitioner • CompTIA Project+ • ITIL 4 Foundation