

# Jonathan Gomez-Chavez

jonachav6414@gmail.com | 3367498498 | Winston-Salem, NC

<https://www.linkedin.com/in/jonathan-gomez-chavez-0763811b2/> | <https://www.sol-dev-portfolio.com>

## Summary

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Full-Stack .NET Developer with 2 years of experience building web applications using C#, ASP.NET Core/MVC, and Entity Framework. Skilled in developing responsive front-end interfaces with HTML, CSS, Bootstrap, JavaScript, and jQuery. Strong background in relational data management using SQL Server and PostgreSQL, including schema design via code-first migrations and custom SQL scripting. Proven ability to collaborate in agile teams and deliver features end-to-end, with a focus on clean code, scalability, and performance optimization

## Skills

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- Azure
- ASP.NET Core
- Web API's
- C#
- SQL
- AI Tooling
- Blazor WASM
- MVVM
- 3-Tier MVC
- Javascript
- JQuery
- Customer & Team Communication
- Technical Troubleshooting & Training

## Professional Experience

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### Software Developer

2025/02 – 2025/04 | Winston-Salem

#### Actuarial Management Resources

- Automated actuarial report generation with .NET Core apps, reducing cycle times by 30 minutes per run and replacing legacy Microsoft Access workflows.
- Migrated Access reports to SSRS for seamless integration with automated services, supporting daily use and improved data consistency.
- Built internal tools, including a Dreyfus rates updater that eliminated manual effort, and a console app that ingested hundreds of thousands of client images and metadata from FileZilla and physical drives.
- Converted complex Access Zqueries into SQL Server stored procedures to significantly improve execution speed and reduce system load during processing cycles.

### Software Developer

2024/05 – 2024/11 | Remote

#### Apex Clean Energy

- Worked within an 8-person development team (1 Senior Lead, 4 Mid-level, 2 Junior developers, 1 QA) in a remote Agile DevOps environment (daily stand-ups, code reviews, feature demos) to deliver an enterprise-scale .NET 8 microservices application for the Transmission Automation department.
- Developed robust form input validation on both the client side (jQuery/JavaScript) and the server side (C# MVVM architecture) to ensure data integrity and consistency, catching errors early in the workflow.
- Authored SQL Server scripts to seed essential backend data for new features, facilitating efficient development and testing of critical functionality.
- Enhanced the user interface by implementing asynchronous AJAX API calls, allowing pages to update dynamically with backend process results without full page reloads, thereby improving responsiveness and user experience.
- Deployed the solution to hundreds of internal engineers nationwide, significantly improving data consistency and reducing errors across the platform, which enhanced overall user productivity and satisfaction.

### Tech Consultant

2022/11 – 2025/02 | Kernersville, NC

#### Target

- Managed Tech Department operations, including inventory control, electronics receiving, and backroom organization, while executing sales floor plans and analyzing department trends for strategic planning.
- Provided technical support to customers by troubleshooting device issues and delivering personalized product recommendations to improve satisfaction and sales.

## Training & Education

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- **Full-Stack MVC Bootcamp** – Coder Foundry
- **Blazor + Open AI Online Course** – Coder Foundry
- **SQL Essentials Course** – Coder Foundry
- **IBM Generative AI: Prompt Engineering Basics** – Coursera
- **IBM Generative AI: Introduction and Applications**
- **IBM Generative AI: Introduction to Artificial Intelligence (AI)**
- **Python for Data Science, AI & Development**
- **Mathematics for Computer Science** - University of London

## Projects

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### Developer Portfolio

<https://sol-dev-portfolio.com>

This personal portfolio serves as the hub for all information regarding my developer experience. Here you will find all my projects and challenges with detailed descriptions all in one place. You can also find out more about what tools and technologies I have experience with.

### Bug Tracker Web Application – Ticket & Project Management System

<https://bugburner-production-1a0f.up.railway.app/>

- Developed a custom ticket and project creation/management application following SOLID principles to ensure long-term maintainability and extensibility. Built with a code-first approach using Entity Framework and PostgreSQL for structured relational data management.
- Scaffolded controllers to implement full CRUD operations for core models, streamlining user interaction with tickets, projects, and organizational data.
- Integrated ASP.NET Identity Framework for secure, role-based access control and authentication, enabling invite-only registration and tailored user experiences based on permission levels. Designed a clean, intuitive UI with comprehensive visualization tools and analytics for enhanced project oversight.

Technologies Used:

-C# - ASP.NET Core -PostgreSQL -JavaScript -CSS -Bootstrap -HTML

### Mt Hope API Project

- Built and deployed a .NET 9 Web API on Azure supporting real-time form submissions.
- Integrated TinyMCE + jQuery + AJAX for rich client-side interactivity.

Technologies Used:

-C# -.NET Core -Azure -Javascript -Jquery -AJAX -HTML -CSS -TinyMCE -Bootstrap -Github Actions -ChatGPT

### Developer Blog

<https://solblog-production.up.railway.app/>

- Created a personal blog platform using C# and .NET Core MVC with a code-first approach and Entity Framework for structured data management.
- Scaffolded controllers to implement CRUD functionality for blog posts and categories, enabling efficient content creation and management.
- Developed and exposed a RESTful API layer documented with Swashbuckle Swagger, allowing blog content to be accessed programmatically and integrated directly into a separate portfolio project for dynamic display.

Technologies Used:

-C# - ASP.NET Core -PostgreSQL -JavaScript -CSS -Bootstrap -HTML