Jonathan Gomez-Chavez Full-Stack .NET Developer

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Skills

Azure • ASP.NET Core • Entity Framework • MVVM • 3-Tier MVC • Web API's • C# • SQL • Javascript • HTML • CSS • JQuery • Bootstrap • AJAX • Unit Testing • Documentation • GitHub • Github Actions • ChatGPT • Prompt Engineering

Professional Experience

Software Developer   2025/02 – 2025/04 | Winston-Salem
Actuarial Management Recourses

- Developed modern .NET 8 and .NET 9 Core applications, including C# console tools and full-stack MVC web apps, structured around a 3-tier architecture for maintainability and security. Also supported and enhanced legacy .NET Framework 4 systems.
- Followed a data-first approach using SQL Server Management Studio (SSMS) to design and manage database tables. Wrote and executed SQL queries to support data integrity and enable feature-specific data handling.
- Built and maintained user-facing interfaces with HTML, CSS, JavaScript, and jQuery. Gained practical experience in Microsoft Access by customizing reports and writing VBA to automate and enhance business processes.

Software Developer   2024/05 – 2024/11 | Remote
Apex Clean Energy

- Developed backend services using C#, .NET Core 8, LINQ, and Entity Framework within a microservices architecture. Followed SOLID principles and implemented comprehensive unit tests and detailed documentation to ensure code maintainability and reliability.
- Utilized a code-first approach with Entity Framework migrations to manage database schema changes, ensuring data integrity across environments. Created and executed SQL scripts to seed data and support specialized application features.
- Built responsive and interactive UIs using JavaScript, jQuery, AJAX, and Bootstrap. Leveraged Azure DevOps for version control and workflow management in a collaborative AGILE development environment.

Tech Consultant   2022/11 – 2025/02 | Kernersville, NC
Target

- Managed day-to-day operations within the Tech Department, including inventory control, electronics receiving, and backroom organization.
- Executed sales floor plans and revisions while analyzing and reporting on department sales trends to support strategic planning.
- Provided in-person technical support to customers, offering guidance on device issues and personalized product recommendations. Also traveled to other store locations to deliver cross-site technical assistance and training.

Cashier   2020/08 – 2021/12 | Kernersville, NC
Walmart

Worked as a Front End associate which included the roles of Cash Register, Monitoring Self Checks, Sorting and distributing merchandise, and constant engagement with customers.

Training & Education

Certificate   2023/07 – 2023/09 | Remote
Coder Foundry

- Selective, full-time 12-week immersive program focused on building production-grade full-stack applications using the .NET MVC design pattern.
- Gained hands-on experience with .NET 7, C#, LINQ, and Entity Framework for backend development; HTML, CSS, and Bootstrap for frontend UI; and PostgreSQL for relational database design.
- Completed multiple real-world projects and technical coding challenges that reinforced principles of clean architecture, responsive design, and application deployment.

IBM Generative AI Engineering Professional Certificate   Ongoing | Remote
Coursera

- Intensive 16-course program focused on generative AI, LLMs, NLP, and prompt engineering using Python, Hugging Face Transformers, PyTorch, LangChain, and RAG.
- Covers building and deploying AI applications with models like BERT, GPT, and LLaMA, including tokenization, in-context learning, classification, and model fine-tuning.
- Emphasizes hands-on development of generative AI tools and agents through guided labs and real-world projects.

Projects

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.

Mt Hope API Project

- Built a dynamic, web-based form submission system as a freelance developer for a local nonprofit foundation, using a full-stack approach with modern front-end and back-end technologies.
- Designed a responsive UI with HTML5, CSS3, and Bootstrap 5, integrating TinyMCE for rich text editing and jQuery for client-side scripting and AJAX requests.
- Developed a .NET 9 Web API hosted on Azure, following RESTful principles for efficient data handling. Used JavaScript and JSON for real-time data exchange and ensured scalability and maintainability in the overall system design.

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

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 -Identity Framework -PostgreSQL -JavaScript -CSS -BootStrap -HTML

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# - .NET Core -PostgreSQL -JavaScript -CSS -BootStrap -HTML