



PROFILE

My goal is to work honestly in the performance of my tasks with the sole purpose of satisfying the achievements and objectives of the company focusing on the growth of it. Dedicated and innovative Software Engineer with a strong focus on front-end and full-stack development. I am skilled in designing and implementing scalable, user-centric applications using modern technologies and best practices. Collaborating effectively within cross-functional teams to deliver high-quality software solutions. Passionate about creating seamless user experiences and continuously enhancing technical expertise to drive impactful results.

CONTACT

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English - Conversational B2
Spanish - Native

GIOVANNI MARTINEZ

SENIOR SOFTWARE ENGINEER

EDUCATION

Universidad Tecnológica de México
2023 - Present
MBA in project management

Universidad Tecnológica de México
2011 - 2017
Bachelor of Software Engineering

WORK EXPERIENCE

Zurich Capability Center - Senior .NET Developer

12-2024 – Present - 10 MONTHS

CIQuote Agricultural Insurance Quoting Platform

Technologies: .NET 8 · Angular 20 · SQL Server · REST APIs · Azure DevOps

Led the maintenance, optimization, and feature expansion of CIQuote, a mission-critical system for agricultural insurance policy quoting across multiple U.S. states.

Provided technical leadership to a small team of developers, performing code reviews, mentoring junior engineers, and enforcing best coding practices.

Refactored and optimized API calls, achieving a notable reduction in policy data loading times and improving front-end responsiveness.

Implemented new business rules and logic layers to support quoting processes for new states and crops.

Improved application performance by eliminating redundant service calls and optimizing SQL queries.

Collaborated closely with business analysts and QA to ensure alignment between technical solutions and business goals.

Enhanced maintainability through modular architecture and improved error handling and observability.

Contributed to DevOps pipelines and CI/CD process improvements for smoother deployments.

EPAM Systems - Senior Software Engineer

08-2021 – 11-2024 – 3 YEARS 3 MONTHS

Occidental Petroleum Corp - Key Developer

Technologies: .NET Framework, Highcharts JS, Angular 1, SQL Server, Azure, Azure Dev Ops.

Responsible for adding new components and maintaining components already created under business requirements, responsible for a page that centralizes all the company's information which can be seen by the hundreds of employees in charge of verifying the status of multiple oil wells. Nexus is made in angular and .net and contains tables with thousands of records and graphs developed in highcharts that summarize the status of the different methods of oil and gas extraction. I was also responsible for maintaining the backend code done in .net.

HCL Technologies - Software Engineer

07-2019 – 08-2021 – 2 YEARS 1 MONTH

USAA / IGT

Technologies: .Net, AngularJS, Angular

FASG - Automated Insurance Policies and Bug Fixes in Angular Project.
IGT Lottery Games – Frontend developer, responsible for adding new modules to the retail services of machine lottery games developed in AngularJS, also responsible for migration to Angular 10.

GrainChain - Software Engineer

11-2018 – 05-2019 – 6 MONTHS

Trumodity

Technologies: Angular

This application solves problems for all participants along the global agricultural supply chain, providing traceability, transparency, accountability, and efficiency. I was in charge of managing a team of 6 developers and 1 QA person, helping develop the front-end with Angular and the back-end with .Net. I also held the role of Scrum Master for my team for a short time.

SKILLS

Frontend Development

- Angular (v2–v20) – Components, Services, Reactive & Template-driven Forms, RxJS, Observables, Dependency Injection, Lifecycle hooks, Change Detection (Default / OnPush), Routing, Lazy Loading, Interceptors, Guards.
- TypeScript / JavaScript (ES6+) – Functional & Object-Oriented Patterns, Promises, Async/Await, Error Handling.
- HTML5 / CSS3 / SCSS / Bootstrap / Tailwind – Responsive UI, reusable design systems, accessibility, styling optimization.
- State Management: RxJS, BehaviorSubject, NgRx
- Testing: Jasmine, Karma.

Backend Development

- .NET / .NET Core (up to .NET 8) – Web API, RESTful services, Controllers, Middleware, Dependency Injection, Configuration, Logging.
- C# – LINQ, Generics, Async Programming, Exception Handling, Reflection, Delegates, Unit Testing with xUnit.
- Entity Framework Core / Dapper – ORM & micro ORM for efficient DB access and mapping.
- Design Patterns: Repository Pattern, Unit of Work, Singleton, Factory, Dependency Injection.
- Authentication & Authorization: JWT, Identity, OAuth.
- Clean Architecture / SOLID Principles / Layered Architecture.

Database & Data Layer

- SQL Server – Stored Procedures, Joins, Indexing, Query Optimization, Transactions, Views, Functions.
- T-SQL – Efficient query writing and performance tuning.
- Data Modeling – Normalization, relationships, referential integrity.

DevOps & Tools

- Azure DevOps – CI/CD Pipelines, Repos, Work Items, Release Management.
- Git / GitFlow / Branching Strategies.
- Postman / Swagger – API testing & documentation.
- Docker (basics) – Containerized app development.

Soft Skills & Leadership

- Technical mentorship and code review leadership.
- Strong understanding of software architecture and scalability.
- Problem-solving mindset with focus on performance and maintainability.
- Agile / Scrum collaboration, sprint planning and estimation.
- Clear communication between business and technical teams.