

# Giovanni Coronado

.Net Azur  
Developer

✉ giovannicoronado90  
1009@gmail.com

☎ (972) 655-8288

📍 Garland, TX

🌐 <https://www.linkedin.com/in/giovanni-coronado-727240113/>

## Profile

### Full-Stack Engineer

with 8 years of extensive experience in web development. I place a premium on crafting clean and efficient code, excelling in achieving project milestones while adhering to precise client requirements.

## Professional Experience

### Senior Software Engineer

Rexel USA

May 2022 – Jun 2024 | Dallas, TX

- Led the migration of electrical distribution system to **.NET Core, Vue** and **Azure** in microservices architecture.
- Migrated legacy systems developed by **python** to cloud-native solutions, reducing infrastructure costs by 25% and improving system agility.
- Developed and maintained **RESTful APIs** using .NET Core, facilitating seamless communication between microservices.
- Introduced **AI services** with **python** to support data analysis and automatic integration.
- Managed backend development, ensuring optimal design and implementation to meet requirements.
- Established a test-driven development (**TDD**) approach, increasing unit test coverage to 90% and boosting code reliability.
- Optimized database performance and scalability by implementing **Azure SQL** Database.
- Directed DevOps practices using **Azure DevOps** tools for CI/CD, reducing deployment times by 40%.
- Integrated comprehensive monitoring and logging solutions using **Azure Monitor** and **Log Analytics**, improving system visibility and incident response times.
- Developed and maintained scalable web applications using **Ruby on Rails**, implementing **RESTful APIs** and enhancing user experience through responsive design.
- Collaborated with cross-functional teams to gather requirements, optimize performance, and integrate third-party services, resulting in a 30% increase in application efficiency and user satisfaction.
- Developed and maintained enterprise-level applications using **VB.NET**, leveraging its robust object-oriented features to build efficient, scalable solutions for business processes.
- Designed and implemented user-friendly interfaces and integrated with **SQL** Server databases to ensure seamless data management and application performance.
- Developed and optimized high-performance applications using **Go**, implementing microservices architecture to enhance scalability and maintainability, while ensuring robust error handling and efficient concurrency management.

### .NET Developer

Informatics Holdings, Inc

Sep 2020 – Jan 2022 | Plano, TX

- Contributed to the development of a real estate management system, enhancing backend functionality.
- Built **RESTful APIs** and new features as a member of the backend team.

## Skills

C#	<div><div></div></div>
.NET	<div><div></div></div>
VB.NET	<div><div></div></div>
Go	<div><div></div></div>
Python	<div><div></div></div>
Ruby	<div><div></div></div>
Typescript	<div><div></div></div>
React	<div><div></div></div>
Vue	<div><div></div></div>
Azure	<div><div></div></div>
DevOps	<div><div></div></div>
Unit Testing	<div><div></div></div>
Power BI	<div><div></div></div>
SQL	<div><div></div></div>

## Education

### Bachelor of Science

University of Texas at Dallas

Jan 2010 – Dec 2015 | Dallas, TX

- Designed complex **SQLs** and stored procedures on **MS SQL**.
- Built a location search feature using **geocoding services**, improving the accuracy and speed of property searches.
- Integrated **Mapbox** for advanced mapping features, enhancing the user experience with dynamic and interactive maps.
- Led the design and implementation of a distributed system in **Go**, improving response times by 30% and enabling seamless integration with third-party APIs while maintaining high standards of code quality and performance.
- Led the development of a high-traffic e-commerce platform using **Ruby on Rails**, focusing on modular architecture and test-driven development.
- Developed and optimized desktop applications with **VB.NET**, implementing complex business logic and integrating with **SQL** databases for efficient data handling and reporting.
- Streamlined deployment processes with **CI/CD** pipelines, reducing deployment time by 40% and improving code quality through automated testing and code reviews.
- Automated unit and integration testing with **NUnit** and **Moq**.
- Managed and optimized server infrastructure on **AWS**.
- Integrated **Power BI** reports and dashboards into .NET applications, utilizing **C#** and **ASP.NET** to deliver interactive data visualizations and insights, while designing data models and managing **ETL** processes using **Power Query**.
- Utilized **Powershell** to run some predefined cmdlets for manipulating csv files.
- Integrated logging and monitoring tools using **ELK Stack**, improving system visibility and reducing incident resolution times.

### Software Developer

Finys

May 2016 – Sep 2020 | Troy, MI

- Played a key role in the development of the cutting-edge enterprise platform for Property Casualty insurance carriers using **.NET Core**.
- Built custom workflow functionality for dynamic case processing.
- Integrated **Power BI**, enabling real-time data insights and improving decision-making processes for insurance carriers.
- Enhanced user authentication mechanisms using **OAuth2**.
- Proactively monitored and troubleshooted backend systems, minimizing downtime and ensuring service availability.
- Developed a comprehensive reporting module with **SQL Server** Reporting Services (**SSRS**), providing detailed insights and analytics for insurance carriers.
- Architected and developed a real-time data processing pipeline in **Go**, leveraging goroutines for concurrency, which increased data throughput by 50% and significantly reduced latency in data handling.
- Integrated third-party payment gateways like **Stripe** and **PayPal** using their respective SDKs, streamlining the billing process and improving user experience.
- Documented backend system architecture and API endpoints for ongoing maintenance and future enhancements.