

# Oscar Hernandez Baute

+1 (786) 827-8028

MIAMI, FL 33165

[oscarhernandezbaute@gmail.com](mailto:oscarhernandezbaute@gmail.com)

<https://oscarhdezbaute.github.io/>

[linkedin.com/in/oscar-hernandez-baute-b13007317](https://www.linkedin.com/in/oscar-hernandez-baute-b13007317)

**SUMMARY** Full-Stack .NET Developer with over 14 years of experience building robust, scalable, and maintainable software solutions using C#, .NET Framework, ASP.NET Core, EF Core, MVC, Blazor, Web API, among others. Strong background in the full software development lifecycle (SDLC), including requirements gathering, system design, coding, unit testing, debugging, and maintenance. Passionate about technology, clean architecture, performance optimization, and continuous learning. Solid experience in frontend and backend development, with a focus on best practices and code reusability.

**EDUCATION** Bachelor's Degree in Computer Science  
*University of Cienfuegos "Carlos Rafael Rodríguez", Cienfuegos, Cuba, July 2008*

## **EXPERIENCE** **IT PROGRAMMING CORP**

### **Senior Software Engineer | December 2022 – Ongoing | Remote**

- Collaborate with clients in the healthcare sector to analyze and gather technical and business requirements.
- Design, develop, and test scalable full-stack applications using C#, .NET Core, ASP.NET MVC, Blazor, Web API, Middlewares, Entity Framework Core, Dapper, Bootstrap among others.
- Design and manage relational databases (SQL Server, Postgres), including schema modeling, optimization, and query performance tuning.
- Containerized applications using Docker to development, testing, and deployment across multiple environments.
- Implemented in-memory caching and distributed caching using Redis to optimize performance of background operations, reduce response times, and improve scalability.
- Integrated structured logging using Serilog and implemented monitoring and observability with Grafana and Prometheus to track performance metrics and ensure system reliability in production environments.
- Experience with CI/CD pipelines, version control (Git), and Agile methodologies to ensure rapid and reliable delivery.
- Provide technical support and troubleshooting to ensure smooth operations in production environments.
- Participate in code reviews, contribute to architectural decisions, and promote best development practices.

### **CEDAI Inc - Industrial Automation**

#### **Specialist in IT, Communications and Automation | Dec 2008 – Dec 2022**

- Collaborated with clients in the industrial, financial, and healthcare sectors to analyze and gather technical and business requirements.
- Designed, developed, and tested multiple frontend and backend applications using C#, .NET Framework, .NET Core, Entity Framework, NHibernate, Stored Procedures, RESTful APIs, WinForms, ASP.NET (MVC, WebForms), Blazor, Xamarin Forms, PHP, JavaScript, HTML, CSS, and jQuery.
- Developed custom communication drivers for RS-232, Modbus RTU, and Modbus TCP/IP protocols using C++ and C#, enabling real-time data exchange with industrial devices.
- Handled data transport formats like JSON and XML for seamless communication between systems.
- Designed and administered relational databases in SQL Server and MySQL, including schema design, query optimization, and performance tuning.
- Worked within Agile teams, participating in sprint planning, code reviews, and collaborative problem solving.
- Maintained and enhanced both frontend and backend applications to ensure stability, performance, and security.

**ABILITIES** C# | C++ | VBScript | ASP.NET | NET CORE | MVC | Entity framework | NHibernate | ADO.NET | Blazor | WebForms | WinForms | Xamarin Forms | REST | API | XML | XAML | HTML | JSON | Javascript | Bootstrap | jQuery | CSS | SQL Server | Transact-SQL | Stored procedures | MySQL | Postgres | RUP | UML | XP methodology | GIT | Azure DevOps | Docker | IIS

**LANGUAGES** Spanish: Native English: Professional