Carlos Acero
Software Engineer
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PROFESSIONAL SUMMARY

- Overall 9+ years of professional IT Experience in analysis, design and development
- Experience in programming with **.NET Framework using C#, ASP.NET, SQL.**
- Highly proficient in designing and developing application systems in local and distributed environment using various Object Oriented Methodologies.
- Excellent knowledge and proficient working experience in .**Net Framework (3.5/4.5), .Net Core (2.2/3.1)**
- Experience in Web Technologies like **HTML5, CSS3, JavaScript, Angular, JSON and Ionic.**
- Experience in handling various backend data sources like **SQL SERVER 2014/2012**
- Expertise in writing **SQL Queries, Stored Procedures.**
- Deployed new applications to **Azure cloud services.**
- Experience in using **Team Foundation Server** & **Git** for source control.
- Experience in implementing **WCF** services & **REST API**.
- Experienced with **LINQ and Entity Framework 5.0/6.0 and Entitiy Framework Core**
- Strong foundation in **javascript / typescript along with Angular 6/8/10/12**
- Experience in designing User Interface using Third Party Controls (**Angular Material & PrimeNG**) to enhance the performance, looks and features of the website.
- Experience in securing web applications using **ADAL / MSAL** authentication and authorization mechanisms.
- Experience creating **mobile applications** for iOS / Android using **Ionic Framework**.
- Experience using **SAFe** methodology for agile programming
- Experience using **Azure DevOps** for ADO management and CICD pipelines implementation

TECHNICAL SKILLS

Technologies	.NetFramework 3.5/4.5, ASP.NET, Entity Framework, LINQ, WCF, REST API, WPF, Windows Forms
Programming Languages	Visual Basic 6, C#
Scripting Languages	Java Script, Typescript, SQL, Angular 6/8/10/12, Ionic 3/5
GUI	Visual Studio 2017/2019, Visual Studio Code, SQL Management Studio, Postman, SourceTree
RDBMS	SQL Server 2012 / 2014
XML related Technologies	Web Services.
Operating Systems	Windows 98/XP/Windows 10
Third Party Tools	Angular Material, PrimeNG

PROFESSIONAL EXPERIENCE

Employer: **Softtek / Sept 2019 – Present**
Client: **Chevron, Houston, TX**
Position: **Software Engineer (Full Stack Web & Mobile)**
Chevron is a worldwide Oil & Gas company. Now Chevron is changing a lot of manual / paper process to digital implementations like Web & Mobile applications.

Responsibilities:
- Develop **web applications** using **Angular** (6/8/12) and integrating third party controls like **Angular Material** and **PrimeNG**.
- Develop **REST API** using .NET Framework (4.6) and .NET Core (3.1).
- Develop **mobile apps** using **Ionic** (3) for iOS / Android.
- Implementing SAFe methodologies for agile programing.
- Use **Git** for source control.
- Use **Azure DevOps** for ADO management and **CICD** pipelines implementation to deploy changes.
- Involved in the **requirements analysis, designing, development, testing and maintenance** of the web / mobile apps.
- Responsible various workflows like authorization, transaction modules using the Angular components.
- Extensively communicate – written and verbally with business team on various System requirement gathering.
- Developing and consumed various **REST APIs** using JWT Token in the Angular modules.
- Responsible for coding, mentoring, solving technical issues, code review and assigning tasks.

Environment: Angular 6/8/12, Ionic 3, HTML 5, JavaScript, Single Page Application (SPA), CSS, Typescript, SQL Server, Visual Studio Code, CI/CD pipeline (DevOps) , SAFe, Postman, REST API, Azure, JSON, MSAL, Git.

Employer: **Ingeniate Ingeniería y Tecnología Aplicada**, **Aguascalientes, México / May 2018 – Sept 2019**
Position: **Software Engineer & Team Leader**
Ingeniate Ingeniería y Tecnología Aplicada is a company focused on the automotive industry having as a main goal the implementation of new technologies.

Responsibilities:
- **Manage & Coordinate** New Technology Development related with Software & Hardware for Real Time Location System (**RTLS**) implementation for Automotive Industry.
- Develop web applications using Angular (6), HTML5, CSS3 and Typescript
- Develop **REST API** using **.NET Core 2.2** and **Entity Framework Core**
- Create **Windows Services**
- **SQL** Database Design & Implementation.
- Onsite customers project implementations.
- Use **Azure DevOps** for ADO management and **CICD** pipelines implementation to deploy changes
- Team management.

Environment: .NET Core 2.2, C#, Windows Services, Visual Studio 2017, Git, CSS3, TypeScript, Angular, JSON, REST API, Entity Framework, LINQ, SQL Server 2014

Employer: **Calsonic Kansei Mexicana (nowadays Marelli Mexicana) / May 2011 - April 2018**
Position: **Engineering Supervisor & Software Engineer**
Through its offer to all the main automotive players, Marelli covers many crucial product areas: lighting, cabin comfort, electric powertrain, electronics, green technology systems, interior experience, powertrain, ride dynamics, thermal solutions and motorsport.

Responsibilities:
- Full Stack Developer & Engineering Supervisor responsible of Software Development Department dedicated to data base administration & implementation of new technologies to improve Automotive Manufacturing Processes
- Design and create **SQL Server** databases
- Design & Implementation of Statistical Platform using **ASP.NET**
- Develop **Windows Forms** applications to manage material tracking and warehouse
- MES (Manufacturing Execution System) Implementation and management to optimize Manufacturing data acquisition process and display Production information in real time using Windows Forms and **WCF**
- Code source control using **Team Foundation Server**
- Team & projects management

Environment: Visual Studio 2013/2017, ASP.NET, C#, .Net Framework 3.5, WCF, Web API, Entity Framework, Windows Forms, HTML, IIS, CSS, TFS 2012, SQL Server 2012 / 2014.

Employer: **Hildebrando Software Factory (nowadays HITSS) / Jan 2010 – May 2011**
Position: **Software Developer**

Responsibilities:
- Maintenance to bank applications using **Visual Basic 6** and **WPF**
- Internal web applications maintenance using ASP.NET
- Use of **Team Foundation Server** for source control

Environment: Visual Basic 6, C#, ASP.NET, Visual Studio 2008

EDUCATION
- Master's, Universidad Panamericana Campus Aguascalientes, México, 2017
- Bachelor's engineering (Mechatronic), Universidad Politécnica de Aguascalientes, México, 2009