

CARLOS ALBERTO SANCHEZ ALZATE

Contact Information:

Phone: +57 3192321472

City of Residence: Medellin - Colombia

E-mail: carlossan@gmail.com

LinkedIn: <https://www.linkedin.com/in/carlos-alberto-sanchez-397ab260/>

GitHub: <https://github.com/CarlosDev0>

Sample Application: <https://startling-empanada-b120a8.netlify.app/>

Summary of Qualifications

BACKEND FRAMEWORK

.Net (Adv)	ASP.NET (Int)	.Net Framework (Adv)
C# (Adv)	Nunit (Adv)	

DATABASE

Sql Server (Int)	PostgreSql (Int)	MySQL (Inter)
MongoDB(Int)	CosmosDB(Int)	Redis(Int)

CLOUD

Azure (Inter)	Aws (Inter)
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PROGRAMMING

OOP (Adv)	Microservices (Int)	Clean Architecture (Inter)
Design patterns (Int)	Docker(Int)	Kubernetes (Inter)
Terraform (Int)	Git (Adv)	Postman, Fiddler (Inter)

FRONTEND FRAMEWORKS

React (Int)	Next.js (Int)	JavaScript (Adv)
Jquery (Adv)	HTML (Adv)	Kendo(Adv)

Languages

Spanish (native - C2)	English (advanced- C1)	Italian (Basic - A2)
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Career History

GLOBANT, Medellin, Colombia

.NET Developer SR.

Jan. 2022 –

I have been involved in several projects working with different technologies and frameworks, always having a growth mindset and a desire to learn.

Projects in Globant:

April 2025 – Client: Disney Parks

- Develop MAUI desktop application
- Develop a web application from scratch to process images. Work with backend and frontend
- Experience with modern AI assistants like Copilot and Cursor.
- Developing a modern UI with TypeScript.
- Work with SQL Server (T-SQL), DynamoDb, MariaDB, Redis as database Engines
- Research to adapt an approach for the development of AI Agents

- Using GitHub, docker, Jenkins actions for the development of AWS lambdas.
- Working in a team with agile methodologies including people from different countries.
- Use of docker and CI/CD as a development tool.
- Work closely with product managers and stakeholders to translate business requirements into technical solutions.
- Ensure high-quality code and adherence to engineering best practices.
- **Tech stack:** .NET 8, AWS Lambda, Jenkins, DynamoDB, MariaDB, docker, Angular, TypeScript, github, NUnit, Maui.

*November 2024 – March 2025 Client: **Fédération Internationale de Football Association -FIFA***

- Develop Azure functions to process website configurations.
- Develop new functionality to upload and download Excel files into the Azure Blob Container.
- Work with PostgreSQL as a database engine to store application information.
- Perform changes on both backend (.NET 8) and frontend (react, [next.js](#) and vite) and typeScript.
- Work with Redis as a non-sql database and microservices built in azure functions.
- Development of Azure functions in .NET with Kafka (MSK), C#, PostgreSQL.
- Use of docker, kubernetes and CI/CD as a development tool.
- **Tech Stack:** .NET 8, Azure functions, contentful, Azure blob containers, PostgreSQL, Kubernetes, react, typeScript, redis, microservices, kafka, github, Swagger.

Sept 2023 – October 2024

*Client: **Fluor Inc***

- As a senior software developer, I developed web applications with .Net, React, and SQL Server (T-SQL) as a database engine. Working in a team with people from different countries.
- I Collaborated with internal teams to produce APIs and web services, writing clean, scalable code using .NET programming languages.
- I Performed changes throughout the whole application cycle, including front-end, back-end and database components.
- I researched the root-cause of bugs and implemented fixing.
- Used GitHub, docker for the development of different applications.
- Adhere to continuous improvement in software development practices and processes.

Nov 2022 – July 2023

*Client: **DirectTV***

- As a senior software developer, working in a team with agile methodologies in charge of REST services and .NET applications using the .NET Framework, .NET Core and SqlServer (T-SQL) as database engine.
- Assisted the project kick-off and supported the team with the application stabilization.
- Involved in decisions to integrate .Net applications into third-party content management services and performing difficult coding tasks.
- Worked with GitHub, docker as a daily basis.
- **Tech stack:** .NET 8, SqlServer (T-SQL), docker, Adobe AEM, docker, github, Swagger.

May 2022 – October

*Client: **WellSky***

- Development of applications in .NET with Kafka (MSK), C#, PostgreSQL, and AWS.
- Design of Unit Tests (NUnit).
- Creation of Azure pipelines to release applications
- Support the customer in solving issues with different applications.
- Developing microservices using the publisher-subscriber pattern to synchronize the communication between different microservices.

- Developing containerized applications with Docker, kubernetes; And also CI/CD
- Use of Terraform for IaaS (for provisioning infrastructure)
- Use of github as a version control system

Feb 2022 – May 2022

Client: Deloitte

- Maintenance of applications in .NET with SQL Server (T-SQL), Azure, unit test (NUnit), Domain Driven Design.
- Creation and running of Azure pipelines for integration of code.
- Solution of bugs in web applications and backend APIs.
- Research the root cause of issues in the production environment and provide solutions through code fixings.
- Use of docker, kubernetes and CI/CD as a development tool.

ALGARTECH COLOMBIA, Medellín, Colombia

Senior Developer .NET

Dic. 2018 – January 2022

Client: Marketing Personal

- Development of several applications for a retail company to handle key information of the business (delivery, income, customers, portfolio).
- Design of new architecture for APIs.
- Design of the architecture and development of the app to handle returns and exchanges of products.
- Develop REST API (using C#) from scratch, Web applications and Desktop apps.
- Development of containerized applications with Docker.
- Design of Unit Tests (NUnit).
- Develop new functionalities in backend, frontend and database (Sql Server -(T-SQL))
- Use of TFS and Github as a version control system.
- **Tech stack:** Javascript, JQuery, HTML, .NET framework 4.7, .Net core 3.1, sql server DB, Xamarin, NUnit, Docker, Swagger, github, Postman, Fiddler, Mic reporting service, Maui.

INDUSTRIAS HACEB S.A., Medellín, Colombia

Research Analyst

Sept. 2002 – Jul. 2016

- Taking the lead in research projects for new technologies to update the process of the company.
- Improvement of several processes with up-to-date manufacturing technology.

Education

Universidad de Antioquia, Medellín, Colombia
BS, Computer Science

Jan. 2016 – Dec. 2022

CENSA, Medellín, Colombia
Coll, Software Development Technician

Jan. 2018 – Dec. 2019

Escuela de Ingeniería de Antioquia, Medellín, Colombia
Msc, Management Process Specialization

Feb. 2005 –Dec. 2006

Universidad Nacional de Colombia, Medellín, Colombia
BS, Industrial Engineering

Feb. 1996 – Mar. 2001

References:

Jeffryt Rubiano.
Luis Gutierrez

Technical Leader Globant
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jeffryt.rubiano@globant.com
luis.gutierrez@globant.com

CARLOS ALBERTO SANCHEZ ALZATE
Medellin, ANT | +57 3192321472 | carlossan@gmail.com
.NET AND FULL STACK DEVELOPER

Dear Hiring Manager,

I am writing to express my interest in working at your company. With 6 years of professional experience as a senior .NET software developer and full-stack developer and 20 years in the sector, I am confident in my ability to contribute to your team and deliver high-quality results.

In addition to my software development expertise, I have demonstrated proficiency in Windows services, showcasing my comprehensive understanding of system infrastructure. I am also experienced in developing desktop applications, which highlights my ability to deliver comprehensive and diverse IT solutions, including web applications with front-end, back-end, and database components, and being able to design and implement highly scalable services with low latency and low maintenance costs.

I have worked for different companies across sectors such as retail, healthcare, and entertainment and have successfully applied Agile methodologies, including Scrum, in my projects. Likewise, I adhere to best practices such as SOLID principles, object-oriented programming (OOP), design patterns, unit testing, clean architecture, and continuous integration/continuous deployment (CI/CD).

My experience as a senior .NET developer has prepared me to develop these skills: effective communication, problem-solving, and teamwork.

My passion for this field, combined with my respect for your company, makes me eager to get on board.

Best regards,

Carlos Alberto Sanchez