

# Edgar Valcarcel

## Expert SOFTWARE ENGINEER

### SUMMARY

Software engineer with over 18 years of experience specializing in backend development using C# and .NET technologies. Key achievements include architecting microservices solutions and integrating third-party applications with enterprise systems. Holds a Bachelor's degree in Computer Science and is in the process of completing an M.C.S. in Advanced Software Architecture. Proficient in a range of technologies, including SQL Server, Oracle, Azure, Sitecore, and front-end technologies like HTML, CSS, and JavaScript. Experienced in Scrum, RUP, CMMI, ITIL methodologies, with a track record of improving performance and efficiency in software solutions, evidenced by increasing transaction throughput in one project from 20 to 200 per second.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Clean Architecture, C, .NET, RESTful API, Web Services
<b>Programming Languages</b>	C
<b>.NET Platform</b>	ADO.NET, Dapper, LINQ, .NET
<b>Databases &amp; Management Systems / ORM</b>	SQL
<b>Azure Cloud Services</b>	Azure DevOps
<b>Google Cloud Platform</b>	GCP AI
<b>UI/UX/Wireframing</b>	Affinity, Responsive Design
<b>Methodologies, Paradigms and Patterns</b>	Agile, Clean Architecture, ITIL, Scrum
<b>SDK / API and Integrations</b>	RESTful API, Web API
<b>Third Party Tools / IDEs / SDK / Services</b>	Web Services
<b>Other Technical Skills</b>	CRM, Sitecore

## WORK EXPERIENCE

### Backend Engineer/Tech. Architect, OVERACTIVE

**Duration:** Mar 1, 2022 – Jul 30, 2022

**Summary:** As a Tech Architect at OVERACTIVE, led a team to design and develop a microservices architecture, integrating various components with functional requirements.

**Responsibilities:** Design of microservices architecture, selection and integration of technology stack, developing software implementation.

**Technologies:** Microservices

### Senior Software Dev. Engineer/Principal, CSG INTERNATIONAL

**Duration:** Aug 12, 2019 – Jan 20, 2020

**Summary:** Integrated AT&T's third-party applications with CSGI technology to enhance billing and management reporting at CSG International.

**Responsibilities:** Integration of AT&T's third-party applications with CSGI technology.

**Technologies:** CSGI technology

### Principal Engineer/Architect, KIN AND CARTA

**Duration:** Dec. 3, 2020 – Jan. 01, 2022

**Summary:** As Principal Engineer at KIN AND CARTA, designed architecture for various solutions and microservices, implemented software development life cycle.

**Responsibilities:** Designing software architecture, implementing agile methodologies, and integrating with dev ops.

**Technologies:** Agile methodologies, DevOps

### Software Engineer/Tech Lead, CH2 Solutions

**Duration:** Oct. 3, 2022 – Jul 31, 2023

**Summary:** Advised on microservice architecture for cloud platforms and services while serving as a Principal Architect Engineer at CH2 Solutions.

**Responsibilities:** Designing Microservice architecture for cloud platforms and services.

**Technologies:** Cloud platforms, Microservices

### Software Engineer Contractor/Architect, ABIE INC

**Duration:** Jul 21, 2017 – Mar 2, 2018

**Summary:** At ABIE INC, worked on backend and frontend improvements on Sitecore & Sitefinity for an offshore cruise itinerary system.

**Responsibilities:** Development of backend and frontend improvements on Sitecore & Sitefinity platforms.

**Technologies:** Sitecore, Sitefinity

### Senior Software Engineer, PUBLICIS GROUP PRODIGIOUS

**Duration:** Jun 16, 2015 – Feb 3, 2016

**Summary:** Developed enhancements for UI and backend targeting elderly users on pharmaceutical websites created with Sitecore and Sitefinity at PUBLICIS GROUP PRODIGIOUS.

**Responsibilities:** Improvement of UI and backend for pharmaceutical websites.

**Technologies:** Sitecore, Sitefinity



### **Senior Dev. Engineer Lead, INGENIERIA Y DISEÑO INF.**

**Duration:** Jan 6, 2014 – Mar 15, 2015

**Summary:** Developed user-friendly applications for retail invoicing leading to an increased client base at INGENIERIA Y DISEÑO INF.

**Responsibilities:** Development of applications for retail invoicing.

**Technologies:** Retail invoicing applications

### **Development Engineer, Ssr Lead, INTERGRUPO**

**Duration:** Feb 27, 2013 - Jan 12, 2014

**Summary:** Participated in the integration of a comprehensive application for the AMERICA MOVIL group, creating and exposing Webservices at INTERGRUPO.

**Responsibilities:** Integration of applications, creation of Webservices.

**Technologies:** Webservices

### **Software Dev. Engineer Lead, F&M TECHNOLOGY**

**Duration:** Dec. 10, 2010 – Mar 29, 2012

**Summary:** Developed an application to calculate operation and land transfer costs in construction areas at F&M TECHNOLOGY.

**Responsibilities:** Developed an application for optimization of fleet, routes, and billing.

**Technologies:** Application development for construction optimization

### **Software Designer, CTO, FREELANCER**

**Duration:** Jul. 2002 – Jan. 2010

**Summary:**

- Developed applications on
- NET for a Private Investment Fund as a freelancer, including POS software for the retail market

**Responsibilities:** Development of .NET applications, primarily POS software for retail.

**Technologies:** .NET, ASP .NET web FORMS, Oracle, SQL Server, MySQL

### **Programmer Analyst, GRUPO A.S.D.**

**Duration:** Sep 2001 - Jun 2002

**Summary:**

- Developed a finance audit application for bank staffing at GRUPO A
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- , including a credit score application on Visual
- NET

**Responsibilities:** Development of finance audit application.

**Technologies:** Visual .NET

### **Development Engineer, SYAC**

**Duration:** Jan. 1999 – Aug. 2001

**Summary:** Engaged in the analysis, design, and development of finance applications for the General Budget Department at SYAC.

**Responsibilities:** Finance application development and maintenance.

**Technologies:** Visual Fox 6.0, SQL, Oracle



## EDUCATION

- **Bachelor's degree on Computer Science**  
Universidad Autónoma de Colombia  
1995-1998
- **M.C.S. in Advanced Software Architecture**  
Universidad tecnológica (in progress)  
2023-2024

## CERTIFICATION

- **ITIL 4 Foundations**  
Certified by Axelos Limited  
Dic 2019
- **Sitecore Developer Certification**  
Jul 2015

