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

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