JG

JORGE L. GARCIA
SOFTWARE ENGINEER
WWW.JORGELGARCIA.NET

OBJECTIVE

Full stack developer with 20+ years of experience in wide range of Microsoft and Open Source technologies. Experienced Software Engineer with background working effectively in dynamic environments. Fluent in C# and Javascript/Typescript programming languages used to develop software within Healthcare Industry.

Proud team player focused on achieving project objectives with speed and accuracy.

SKILLS

Agile, React, React-Native ASP.NET, MVC, .NET Core DBMS: SQLServer, Oracle, Aurora, MySQL Javascript, TypeScript, ES6, Product Development, C#, WCF,

EXPERIENCE

SOFTWARE ENGINEER II • *MICROSOFT* • **JAN, 2022 – PRESENT**

SENIOR SOFTWARE ENGINEER • *COMMERCEHUB* • **OCT, 2021 – JAN, 2022**
DevOps Engineering performing creation as well as upgrades of container images for pipeline integration. Backend work for ASPNET API.

SOFTWARE ENGINEER III • *CHANGE HEALTHCARE* • **DEC, 2005 – OCT, 2021**
Application design and development at large scale.
Responsibilities ranged from building of custom web-based controls to full-fledged portals entailing security, management, workflows and reporting modules, as well as client/server applications which led to the generation of over $100 million in annual revenue.
Developed custom member engagement CRM software (currently hosting 1,000+ users in multiple worldwide locations, up to 400 concurrently) using agile practices in its SCRUM implementation.
Implementation of software-based workflow (leveraging MS Visio's visual representation), streamlining business paths and offloading decision implementation to customers, increasing call center productivity by over 30%. Designed and implemented DMZ-located web-application accommodating over 3,000 operators, using ASP.NET and WCF Services over SSL which met Fortify and Black Duck yearly audits.
Participated in migration of Xcode/Android mobile applications over to React-Native.
Supported company-wide database system migration from Oracle to Microsoft SQL Server.
Routinely engaged in continuous life-cycle of software solutions, from conceptualization and design to implementation.
Planned and executed solutions which met and exceeded customer requirements, met performance standards and ensured maintainability

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Windows Forms, Windows Services, Silverlight AWS: Lambda, EC2, RDS, S3, SQS, SNS, Route53 Terraform, Cookiecutter
IIS - 4.0, 5.0, 6.0, 8.0, 10.0
Version Control: Sourcesafe, Subversion, TFS, Git

and extensibility were capable of handling business demands. Regularly established communication channels with both business and end users in order to facilitate products of optimal quality and their deliveries met stipulated timelines.

SOFTWARE ENGINEER • *THE PARKER COMPANY* • JAN, 2003 – NOV, 2005
Built application from ground up using Microsoft .NET framework, including application security, database design, user interfaces as well as business and data components.
Application development included sound extensibility conception in order to ensure immediate and safe application enhancement.
In constant research of the most advanced tools in technology to tackle common application design requirements as well as complex operations, avoiding the development of shortly lived obsolete solutions.
Application consisted of web-based client, .NET framework components on the business and data tier and SQL Server 2000 on back-end storage.
Web-based client ran on ASP .NET pages using Visual Basic .NET with JavaScript for client operations.
Business and Data components were created using Visual Basic .NET and .NET Framework using a combination of SQLDataReader and Datasets for data access reads and updates.
Back-end storage used SQL 2000 running stored procedures for data presentation and manipulation.

SOFTWARE ENGINEER • *PARKER REORDER ONLINE* • NOV, 2000 – DEC, 2002
Firm with over $200 million in annual sales.
Programmed application development projects from concept to completion, directing activities of 7 developers adhering to the Microsoft Solution Framework (MSF) and Windows DNA specifications.
Specifically, conduct needs analysis with clients to understand the vision they want to see realized.
Determine project scope and budget, and establish project's technical and economic feasibility.
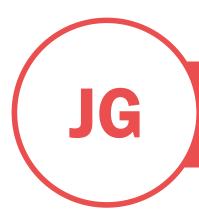
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Manage design and programming team, supervising content management and helping to develop technological solutions that completely meet client expectations.

Involve in every phase of program coding that includes but not limited to Visual Basic Component Coding, ASP Coding using VBScript and JavaScript, SQL Server (Stored Procedure).

Ensure that company remains up to date with new technologies.

Thin Client Application Projects.

Designed and implemented Open Architecture Object Model — ensuring flexibility, scalability, performance, and maintainability — with the collaboration of Microsoft consulting services on one-to-one basis.

Implemented back-end integration with current systems, adding redundancy to failure points and guaranteeing 98 percent service availability.

Increased both revenues and clients, and created leading-edge programs. Successfully designed, developed, and implemented projects on time and within budget.

Exceeded goals of administrative budget and planning forecasts.

Achieved full customer satisfaction and loyalty business of clients — including Walt Disney World Dolphin, Walt Disney World Swan, Holiday Inn Hotels, Lodgian Hotels, Wyndham Hotels — by providing on-line procurement / order system for over 200 customers.

Rich Client Application Projects.

Designed and implemented new software modules employing multi-tier development technology.

Tools included Microsoft technologies, such as NT 4, VB 5,6, MTS, SQL Server, Visual SourceSafe, Oracle, and Java for Web portals.

Supervised and participated in the design of an e-commerce site designed to bring clients and vendors together.

Brought in new clients and was instrumental in increasing revenues from $50,000 to $2.5 million.

Managed and designed closely with the development team to create on-line vendor system for over 7,000 vendors, achieving best procurement results in company's history.
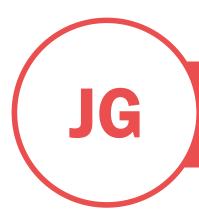
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WEB DEVELOPER • *MORTGAGE.COM* • OCT, 2000 – NOV, 2000
Developed intranet applications for corporate division using ASP technology, Scripting Languages (JavaScript and VBScript).
Accessing SQL Server databases through the implementation of Stored Procedures, occasionally converting raw data into XML format, for client display via XSLT technology.
Enhanced data access efficiency in Mortgage.com web site by converting SQL statements into SQL Server Stored Procedures and implementing ADO calls in respective web pages.

Tools and Language used:
- SQL Server 7, ASP, VBScript and JavaScript, Transact -SQL.
- XML and XSLT.
  HTML and DHTML.
- Platforms: Windows 2000

APPLICATION & WEB DEVELOPER, TECHNICAL WRITER • *DIRECT DISPENSING* • SEPT, 1997 – SEPT, 2000
Site for pharmacy department.
In charge of site design and data connectivity.
This project contained use of extensive scripting language (JavaScript & VBScript), as well as a database driven application using COM (MTS) and ADO technology with Microsoft Access databases through OLE DB.
Entire site was built on ASP.
Worked on administrative section, based on XML & XSL data access.
Created add-on applications for main project.
This add-on application was developed in Visual Basic 5.0 and it accessed Microsoft Access databases on local network to display information as well as to perform modifications.
Created help application for main project.
Used RoboHelp software to write an extensive help system to be accessed from within the main application.
Wrote help application in standard .hlp and in HTML Web-Help format.

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Served as quality control manager to all software creation.
Paid detailed attention to all changes performed on main application in order to keep version control as accurate and efficient as possible.
Extensive work with computer hardware.
Visual Basic 5.0, Microsoft Access, ASP, VBScript and JavaScript, Transact-SQL. XML, XSL, XSLT.
HTML and DHTML.
MTS.
Platforms: Windows 2000 and NT4.

EDUCATION

INDUSTRIAL ENGINEERING • SEPT, 1993 – JUN, 1994 • UNIVERSIDAD FRANCISCO DE MIRANDA

ELECTRONICS ENGINEERING • SEPT, 1992 – JUN, 1993 • UNIVERSIDAD RAFAEL BELLOSO CHACIN

CERTIFICATIONS AND COURSES

Certification: AWS Certified Developer - Associate (Validation # BS6VW41DDEQE1HK1)
Course: Security Engineering on AWS
Course: DevOps Engineering on AWS
Course: Architecting on AWS
Course: Developing ASP.NET MVC Web Applications (Exam 70-486)
Course: Programming in HTML5 with JavaScript and CSS3 (Exam 70-480)
Course: Developing Microsoft Azure and Web Services (Exam 70-487)
Course: (In-Office course with Julie Lerman) Programming Entity

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Framework Course: ASPNET Coding and Strategies with the ASP.NET Team

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