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| Roberto S. Almeida  Software/Web Developer | [univil@alum.mit.edu](mailto:univil@alum.mit.edu) • (815) 977-2869  www.LinkedIn.com/in/RSAlmeida • Rockford, IL, 61104 |

***Technically-sophisticated professional with extensive experience delivering innovative software solutions, complemented by strong expertise in software development tools and multiple programming languages.***

Proficient in engineering and executing high-quality, scalable, and maintainable software solutions to streamline technical operations, expedite organizational efficiency, and improve user experience. Adept at designing and developing object-oriented web and desktop applications using languages such as JavaScript, C#, and VB and ASP and .Net frameworks. Instrumental in resolving bugs, enhancing existing programs, and writing and validating code. Well-versed in crafting robust data models and relational databases to optimize data storage and database performance. Well-versed in leading SQL database design, Quality Assurance initiatives, and rigorous testing of application software. Refined communicator: skilled at translating stakeholders’ use cases and requirements into actionable system enhancements. Keen to drive excellence in software development and innovation.

**Technical Proficiencies**

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| **Programming Languages:** | ASP, ASP.NET, C#, VBA, VB.NET, VB Script, Visual Basic, Visual Interdev, Bootstrap, CSS, SCSS, HTML, HTML5, JavaScript, SQL, XML |
| **Databases:** | MS Access, MS SQL Server, MySQL |
| **Tools & Platforms:** | Excel Development, Git, Scrum, Visual Studio, Visual Source Safe |

**Areas of Expertise**

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| * Software Development Lifecycle (SDLC) * Web & Application Development * Code Optimization/System Integration * Software Design & Architecture | * Debugging & Troubleshooting * Cross-Platform Development * Continuous Integration (CI) * Continuous Deployment (CD) | * Technical Documentation * UI & UX Design * Software Testing & QA * DevOps Practices |

**Career Experience**

*(From* ***2015 to 2023****, actively pursued self-improvement and skill development by enrolling in a business accounting course and participating in a culinary arts vocational program. Engaged in a Biblical correspondence course and gained valuable insights into ethical and moral principles. Remained informed about advancements in technology by regularly reading books and magazines, including publications like Maximum PC, MacLife, and Code magazines. Also volunteered as the AV Tech/Sound Engineer at local church.)*

**Body Scientific, Grayslake, IL** **2023**

Contractor | Analyst

Analyzing existing Excel spreadsheets to improve data collection and presentation for illustrators and clients.

* Designing SQL Server database based on existing Excel spreadsheets and collaborating with a team to design mobile app and website to interface with database.
* Leveraging Azure AI Custom Vision to automatically generate keywords for existing medical illustrations.

**Baxter Healthcare, Round Lake, IL 2012 – 2015**

Contractor | Analyst

Analyzed process for testing of hospital-based medical devices to improve testing and automate results.

* Collaborated with a team to conceptualize and create Excel iterations of paper documents employed by field technicians for device testing, resulting in reducing errors and eliminating invalid entries. New Excel spreadsheets used complex formulae, custom macros, and VBA code.
* Spearheaded the global implementation of Seibel to supplant Excel-based testing software, encompassing the creation and execution of a comprehensive migration package for seamless deployment.

**Rexam Beverage Can Americas, Chicago, IL 2008 – 2012**

Application Developer | Application Analyst

Wrote, tested, and debugged code in various programming languages to develop functional applications. Created user-friendly interfaces and partnered with designers to ensure a positive user experience. Integrated applications with other systems, databases, and third-party services as needed.

* Developed and enhanced various internal and external global web applications facilitating customer orders, quality issue tracking, and feedback collection.
* Supported and managed a VB/XML-based application dedicated to the efficient exchange of aluminum data between vendors and Rexam.
* Oversaw the interface for manual and automatic gauges, enabling seamless data transfer to QAS through scheduled tasks and C# scripts.
* Maintained the QAS quality control web-based software and OMS plant monitoring software.

**Related Experience**

Contractor | Analyst – Brook Furniture Rental, Lake Forest, IL

* Collaborated as a vital team member in the development of a customer-facing website, empowering users with comprehensive furniture information and room selection capabilities.
* Monitored website performance using Google Analytics.

Contractor/Implementation Specialist – Follett Software Company, McHenry, IL

* Executed remote implementation and configuration of Destiny library automation software on Windows servers featuring a SQL Server backend, spanning multiple school district libraries in the United States and Canada.
* Facilitated the seamless integration of student management system data into Destiny by formulating XML style sheets tailored for an automated patron update procedure.

Contractor – Amcol International, Arlington Heights, IL

* Revamped five subsidiary websites leveraging existing content in ASP.Net and C#.Net to align with a fresh template.
* Innovatively designed a novel menu system to enhance navigation for newly transformed sites.

Contractor – SAI, Arlington Heights, IL

* Created web-based reports in ASP to extract data from a SQL Server database using complex queries and stored procedures, facilitating the generation of tailored billing and collections phone and mailing lists.
* Drove a remarkable 66% reduction in total outstanding collections by collaborating in development of streamlined processes.
* Assisted in creating customized dealer-management websites using ASP and a SQL Server backend for enhanced functionality.

Contractor – Kraft Foods, Glenview, IL

* Refurbished an internal website, transitioning from Visual Basic to VB Script/ASP with a robust SQL Server backend.
* Rectified an existing non-functioning website featuring an Oracle backend to enhance functionality.

Contractor – Strategic Velocity, Inc., Buffalo Grove, IL

* Oversaw the administration of the Hosting Controller web-hosting system, encompassing the creation of new accounts, providing technical support, and establishing pricing structure and domain name registration.
* Designed and implemented a comprehensive tracking system using VBA, proficiently managing inventory and customer data, with the added capability to seamlessly import product information from Excel.

Developer – Conagra Foods, Inc., Irvine, CA

* Minimized the billing process from two days to a mere one hour by building an application using an Access and VBA front end and a SQL Server back end.
* Enhanced an online Laboratory Work Request (LWR) system through Visual Interdev by introducing the capability to generate packing slips.
* Led a comprehensive redesign and rewriting of the LWR, encompassing the overhaul of the SQL Server database and ASP pages to seamlessly incorporate stored procedures.

Applications Developer | Consultant - Pilot Software, Inc., Cambridge, MA

* Conceptualized and executed a novel exception-tracking application, leading to enhanced user interface using the proprietary Pilot Software application development suite.
* Engineered a user-friendly tool facilitating the creation and editing of custom database groups, empowering users to establish database groups through a user-friendly front-end interface, negating the need for command-line operations.
* Architected a fully user-customizable main screen leveraging proprietary Pilot Software application development suite.

**Education & Credentials**

Bachelor of Science in Management of Information Systems – Massachusetts Institute of Technology, Cambridge, MA

**Professional Development & Training**

Business Accounting Course (2017) | Culinary Arts Vocational Program (2022)