

# Eduardo J. Cortés

## *Summary of Qualifications*

- Highly motivated, creative and versatile Consulting Director, Senior Developer and Solutions Architect, with more than fifteen years of field experience.
- Extensive experience overseeing, designing, developing and deploying multi-tiered data-driven .Net & Flash applications for the web and the desktop.
- Extensive working knowledge of Microsoft and Adobe development environments, Adobe graphic design tools, and various MS SQL and Oracle database management systems, including, but not limited to: Microsoft Visual Studio 6 to 2010, Microsoft SQL Management Studio, Quest Toad for Oracle, Adobe Photoshop 5 to CS5, Adobe Dreamweaver 3 to CS5, among others.
- Reporting: Able to develop and maintain reports using Microsoft Reporting Services and Crystal Reports.
- Knowledge of many modern programming and scripting languages, frameworks and technologies, which include, but are not limited to: Microsoft .Net Framework 1.x to 4 (C# / VB.Net / ASP.Net / Windows Forms), Visual Basic 6, HTML 4.1 & 5, CSS, Classic ASP, T-SQL, PL/SQL, XML, JSON, JavaScript, JQuery and ActionScript.
- Familiar with current authentication standards, such as Active Directory, OAuth, OpenId, and .Net Forms Authentication. Also able to build custom authentication systems over a database or web service.
- Familiar with Business Intelligence tools, such as MS SQL Server Integration Services.
- Able to expose application functionality through SOAP or RESTful APIs, delivering content with XML, JSON, or any other HTTP-based response.
- Able to interact with the most popular Social Network APIs, including, but not limited to Facebook, MySpace, Twitter, LinkedIn, Flickr, and WordPress, to provide social network-levered applications.
- Involved in the planning and deployment of many applications which delivered AJAX functionality through Telerik AJAX controls for ASP.Net, Microsoft AJAX Toolkit, and JQuery AJAX, among other AJAX Toolkits.
- Excellent writing skills: Communicating effectively with others in writing as indicated by the needs of the audience, utilizing technical or non-technical terminology.
- Strong analytical and critical reasoning ability: Able to finding ways to structure or classify multiple pieces of information, and deliver a complete solution.

*Consulting Director / Senior Developer / Systems Analyst*

- Evolved in the company from Web Designer, Lead Web Developer, Senior Solutions Developer, to finally, Consulting Director.
- As a Consulting Director, while developing applications at a Senior Level, was responsible for the coordination and follow-up of most of the company's information technology efforts, including, but not limited to the management and supervision of the company's software development team, and leading programming projects, such as:
  - ✓ An Appraisal Management System for the BBVA, which was a business-critical development. Was responsible for leading the team into a successful deployment, and the development of the graphic interfaces, reports, and further customization of the application.
  - ✓ Coordinated the implementation of a robust, brand-new .NET security system for BBVA online banking, which interfaced with a JSP/Oracle/DB2 back-end, along with a multi-factor authentication system. Also, responsible for leading the web development team and the senior .NET development team to achieve the goals.
- As a Systems Analyst / Senior Solutions Developer, was involved in the resource allocation, planning, architecture design, development process and/or deployment of many applications, including, but not limited to:
  - ✓ An online prescription system for PICA, which interfaced with equipment in medical facilities and pharmacies, and communicated using X12/NCPDP messages over a SOA.
  - ✓ Over 10 business-critical applications for BBVA Puerto Rico, including: CRM modules, Business Process Management applications, Data Warehousing, Due-Diligence applications, Appraisal Management applications, and Help Desk implementations for BBVA.
  - ✓ A multi-part Due-Diligence system for BBVA, with an ASP.NET front-end, a Windows Service bridge, and an Oracle/DB2 back-end.
  - ✓ A multi-tiered CRM application for Mitsubishi Motors of Puerto Rico, which provided ways to interact with Mitsubishi dealerships, guided the customer through their vehicle's maintenance, and provided the dealer with customer satisfaction indexes.
  - ✓ A single sign-on system for many existing SaaS business-critical applications for BanCoop, which aim was to solve multiple security issues on their previous authentication system. All the applications were modified, and a mini-portal to access them was created.
  - ✓ Ultra-fast development of a full CMS-driven DHTML & Flash website, and

its matching custom CMS, for BanCoop.

- ✓ A .NET mobile application for Paytrix Corporation that allows company customers the ability to bill their clients through their mobile phones. The payment mechanism allows ACH and credit card transactions.
  - ✓ SOAP .NET Web Services that interfaced with an MS SQL database to expose functionality for user validation and accept payments for Paytrix Corporation.
  - ✓ RESTful .NET Web Service that interfaced with an Oracle database to serve car loan contracts in PDF format for BBVA.
  - ✓ A medical insurance patient profile & claims management system for PharmPix Corporation.
  - ✓ A Windows-Forms car loan calculator for BBVA de Puerto Rico.
  - ✓ A single-sign on mechanism for many PharmPix SaaS applications, which included a management portal, and installation / deployment documentation.
  - ✓ A mobile application, which provided delivery scheduling, tracking and inventory control for Red Bull truck drivers.
  - ✓ A very specialized reservations & reporting application for the Conservation Trust of Puerto Rico.
- Involved in the planning, resource allocation, development and/or deployment of more than 50 different web applications, static and dynamic multi-media web sites, including, but not limited to: BBVA of Puerto Rico, 20<sup>th</sup> Century Fox of Puerto Rico, Hyundai of Puerto Rico, Mitsubishi Motors of Puerto Rico, La Editorial UPR, PICA, PharmPix, BanCoop, Fideicomiso de Conservación, Ricky Martin Foundation, Red Bull, Editorial Santillana, and Lotería Electrónica de Puerto Rico.
  - Involved in MovieLine / MovieTime magazine artwork design, utilizing Adobe Graphic Design Suites.

**ETByte.Net**, San Juan, PR

*December 1999 to November 2000*

*Programmer / Tech Support*

- Involved in the development, deployment, and maintenance of HTML and Flash websites and applications, including Energizer / Susan Soltero's Weather Website, Department of Health Main Website and "Interactive Online System".
- Developed a Classic ASP Quiz Application and Flash BMI calculators for the Department of Health "Interactive Online System".
- Offered technical ISP-related customer support and troubleshooting, assisting the

customer directly.

**Webscapes, Caguas, PR**

*March 1999 to Present*

*Director / Senior Systems Analyst / Senior Developer*

- Involved in the development, deployment, and/or maintenance of HTML and Flash websites and applications, including Banco Popular On/Off Energy Conservation Proposal, Banco Popular 2011 & 2012 Christmas Specials, Lotería Electrónica de Puerto Rico Website and Mobile Application, Colegio de Químicos de Puerto Rico Website, Santander Securities Website, Bowlera de Caguas Website, and Materials Characterization Center of Puerto Rico Website, among others.
- Involved in the development, deployment, and/or maintenance of several custom Windows Forms and Flash Desktop Applications, such as:
  - ✓ 2008 and 2009 interactive book catalog CDs for La Editorial UPR, which consists of an Adobe Flash frontend, with an XML backend.
  - ✓ Nutrilantis, a nutritionist medical record system, which consists of a Windows Forms frontend, with a Microsoft SQL backend.
  - ✓ A HTML5/JQuery mobile application for Lotería Electrónica de Puerto Rico, which provided information about lottery jackpots and previous winning numbers.
- Performed as Senior Developer / Senior Systems Analyst for several consulting companies, such as Aguiar Consulting, m3orange, and Mind Oven.

*Education*

**University of Puerto Rico, Río Piedras Campus, San Juan, PR**

*May 2002*

- Bachelor Degree in Arts in General Studies
- Dissertation: “Approaching the General Studies Department through the World-Wide Web”, which consisted of the development and documentation of a dynamic portal for the General Studies Department.

*Certifications*

Certified Macromedia Flash MX 2004 Developer.

*Awards*

2006 Web Marketing Association's Web Award: *SunCom Wireless Website*  
Telecommunication Standard of Excellence.