

LUIS ALFREDO BETANCOURT

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COMPUTER SCIENCE & SOFTWARE ENGINEERING PROFESSIONAL

Computer Science and Systems Engineer with extensive experience in software design and development. IT Specialist in Portal, web development and Web Content Management Systems. Over ten years experience performing within large projects requiring different set of skills. Strong knowledge and experience on **Java and PHP** programming, **J2EE** architecture, web responsive design, front end web development, **Object Oriented design** and Unified Modeling Language. **IBM Certified Associate Developer on WebSphere Studio Application Developer. IBM Certified Solution Developer WebSphere Portal V5.0, Drupal 6.0/7.0 Certified, IBM Web Content Management System Certified.** Senior Web Developer with strong experience in Web technologies, Java, J2ee, web design/development, online marketing, Portal, Drupal and Content Management Systems, front end, CSS/CSS3, HTML, PHP, Java Script and Web Application development.

Professional with high level of commitment, honesty, responsibility, leadership and fast learning capability. Experience working as a member of a team. Fluent in English and Spanish.

EDUCATION

UNIVERSITY OF THE ANDES, Colombia South America
Bachelor Degree in Computer Science and System Engineering **Graduated 2004**

IBM Certified Associate Developer WebSphere Studio, V5 **Certified 2004**

IBM Certified Solution Developer IBM WebSphere Portal V5 **Certified 2005**

IBM Certified Specialist Rational Unified Process v2004 **Certified 2005**

IBM Certified Web Application Developer IBM Web Content Management Systems **Certified 2006**

IBM Certified Administrator WebSphere Portal **Certified 2006**

Sun Certified Programmer for the Java 2 Platform, Standard Edition

Drupal Administration / Theme / Development 2011

PROFESSIONAL EXPERIENCE

IBM Corporation, Boca Raton, FL, USA

February 2007 - Current Date

IBM Corporation is the main provider of software, consulting services and business solutions to high profile companies around USA and the world. Responsible for providing project management, integration services, and ebusiness portals, content management, and ecommerce solutions.

Consultant responsibilities included the following projects

Senior Advisory IT Specialist

IBM Portal Practice – FedMall, Washington, DC

Worked as portal and web application developer for Federal Government in the implementation of FedMall eCommerce site for military personnel.
Developed Web Application to handle image processing between legacy servers and WS Commerce
Managed custom requirements for business clients and designed/provided technical solutions
Developed portlets and Web Applications using J2EE architecture
Implemented Web Responsive design for external web applications and mobile devices.
Developed front end solution using CSS/CSS3, jquery, javascript and HTML5

Senior Advisory IT Specialist

IBM Portal Practice – Lowes, North Carolina

Worked as Advisory IT Specialist in Portal administration, design and deployment.
Responsible for deployments process through Jenkins software
Participated in design and development of new Lowe's Workspace solution released this year
Faced client as technical leader on weekly scrum calls
Managed custom requirements for business clients and designed/provided technical solutions
Developed Portlets and Web Content Management components for Portal Solution
Developed Web Applications using J2EE architecture
Participated in the testing team and Front End
Participated in administration tasks to handle deployment process across multiple teams

Senior Advisory IT Specialist

IBM Interactive - Safety Net, New York

Worked as Advisory IT Specialist in Drupal CMS, Drupal Theme, PHP Development
Administered Drupal Content Manager Systems, configuration and content.
Participated in design and development of Safety Net Project
Developed content and site administration for Drupal CMS sites.
Developed Theme customization using CSS, HTML, Java Script and JQuery.
Provided custom Drupal solutions through theme, modules, PHP code and web development to accommodate client requests according to project needs.
Designed and developed Drupal CMS architecture and custom modules
Developed custom Drupal Views and customized Drupal module components
Trained clients on technical Drupal topics.
Faced client as technical leader on weekly scrum calls
Developed Theme customization using JQuery, Drupal Theming, Java Script and CSS
Developed, PHP custom code for Drupal custom modules

Senior Advisory IT Specialist

IBM Interactive - The Carlyle Group, Washington DC

Worked as Advisory IT Specialist in Drupal CMS, Drupal Theme, PHP Development
Developed Theme customization for The Carlyle group web site in Washington DC
Used custom web design provided by client to develop web site's Drupal Theme customization
Used Drupal CMS and modules to design and develop client solution
Maximized client productivity by designing solution for easy client customization using Drupal CMS architecture and modules
Used CSS, JQuery, JavaScript, JQuery, Drupal dev modules and architecture to customize web site
Developed Drupal Theme customization according to client guidelines and external web design
Developed custom Drupal Views and customize Drupal module components

Senior Advisory IT Specialist

Bank Of America – Charlotte, NC

Developed JEE, Struts, Hibernate system for VTA Project at Bank of America.
Developed components based on Struts and J2EE for the Virtual Terminal Application Project.
Developed Hibernate Database system to handle transactions to back end Systems.
Key member in the Bank Of America team. Efforts were made between IBM and BANA Engineers.

Lead Developer and System administration IBM Techline Organization. IBM Internal Project, Atlanta Georgia

Internal IBM project for support, administration and custom development of Techline solution based on IBM Web Content Management and Portal 7.0
Developed custom Web Application in Portal and WCM environments
Developed custom JSPs using WCM API and Java to be consumed by WCM system
Designed custom components for WCM environment
Developed Portlets for custom solution to be consumed by Portal servers
Lead developer for Techline solution
Worked as system administrator of Windows 2003 Servers, DB2 and Portal/WCM 7.0 environment
Worked as a key member team for success of Techline Solution
Created customization of Web Content Management solution: presentation templates, authoring templates, categories, components, portal access, installation and deployment
Designed documentation and final deployment of Techline solution

IT Specialist - Application Developer IBM Sales Portal Workplace – ISP , Internal IBM Project

Application Developer for Portal, J2EE, Dojo and Websphere Smash Integration project.
Participated in design, development and implementation of Portal/Widgets/Smash/Dojo project
Developed Portlets to integrate process and customers on daily sales administration activities
Trained other IBM members on new Portal Technologies
Developed J2EE Web Applications based in Web 2.0, Ajax and Dojo technologies
Participated as a key member for almost 2 years on IBM team to accomplish project goals
Worked as a key member for almost 2 years on design and development of Portal application for IBM Sales Team.
Developed portlets and web applications based on Portal framework, Smash, Ajax and Dojo integration.
Part of a leading team creating a new concept on Portal integration. •
Portal site is now used on IBM Sales Workplace by Sales representatives that need to use our developed portlets to get quick and accurate information related to business information and decisions.

Software Engineer – IT Specialist Insurance Group, Portland Oregon

Worked to identify and fix performance issues related to WCM, Portal and JSP development. It was a 2 month contract to understand development environment and bring a solution to customer.

Web Developer and Content Manager Business Web Site, FL, USA

Developed business web sites using Joomla and Drupal CMS and open source technologies
Used Drupal 6.x for content management, site administration and theme customization
Understanding of main CMS concepts: module, region, blocks, page layout and nodes
Explored new features for Drupal 7.x,
Theme customization and sub-theme for Drupal 6.x using CSS, PHP and tpl.php templates
Theme customization for Joomla using CSS and custom templates
Content administration and site development for Drupal and Joomla.
Online certificate of course completion for Joomla, Drupal, CSS and Java Script

Software Engineer TSYS Corporation, Columbus, Georgia

Participated in design, development and implementation of WebSphere Portal project
Developed Portlets to integrate process and customers on daily TSYS administration activities
Worked with IBM Team and TSYS team to migrate legacy applications to new Portal System
Trained TSYS members on new Portal Technologies and J2EE Architecture
Developed J2EE Web Applications for migration and integration of systems and process
Developed Portlets using Lotus Workplace Web Content Manager API and system
Participated on migration of Content and documents from old system to new Portal System
Web Sphere Portal Server, AIX systems and Web Services
Developed Portlets and J2EE applications to communicate process to Web Services
Participated as a key member on IBM team and TSYS team as our client to accomplish project goals

Software Engineer IBM Internal Project Remotely Project, Florida

Internal IBM project working with a remotely team.
Participated on prototype, migration, design and development of internal IBM sites
Key member on process of migrating to Lotus Workplace Web Content Manager.
Developed complete Portal site and pages using Web Content manager, J2EE and Portlets
Deployed and installed project solutions on AIX
Developed J2EE Applications to handle process such as translations of content, migration, web service communication and project requirements
Developed Export and Import J2EE applications and portlets using Xpath and XML SAX and Dom parsers to read the XML document and migrate content to Web Content Manager and Portal Servers
Participated on administration tasks for Web Content Application, Web Sphere Portal and Application Servers for different Software development tasks.
Worked actively with the team to resolve problems, find solutions and meet deadlines

IT Specialist Verizon Wireless Fairfax, Virginia

Participated on supporting team on test/development tasks
Worked with team to identify problems and find solutions for Portlets and Web Content Manager applications

en technologies Miami, Florida, USA

February 2005 2007

A provider of software, consulting services and business solutions to high profile companies around USA and the world, recognized as a leading company being part of the IBM Business Partner World.

Consultant responsibilities included the following projects

Software Engineer Allmerica Insurance Group Worcester Massachusetts

Participated in the design, development and implementation of complete migration from Fat Wire Content Manager System to Lotus Workplace Web Content Manager using IBM Web Sphere Portal Environment
Developed Lotus Workplace Web Content Manager components for creation and implementation of new Web Sphere Portal environment
Implemented portlets and WCM application to migrate web site into Web Sphere Portal Server using Content Manager
Developed complete Portal site and pages using Web Content manager
Developed Menu component, Navigator component and content using HTML, CSS and Java Script.
Developed portlets using Portlet API, MVC Pattern and Java Server Pages technology
Developed Export application to create XML documents with database information and created Import portlets using Xpath and XML SAX and Dom parsers to read the XML document and migrate content from Oracle 9i Database to IBM DB2 content manager
Deployed and installed project solution on Linux

Software Engineer ADT Security Boca Raton Florida

Participated in the design of Entitlements project part of ADT USA Portal Site and implemented Assembly Lines and Event Handler using IBM Tivoli Directory Integrator
Developed connectors in TDI to improve authentication process in ADT project
Implemented entitlements infrastructure to support the ADT customers Web Sphere Portal Server environment. Tools from Tivoli pillar were used to develop the solution including Tivoli Access Manager, Tivoli Directory Integrator, and Tivoli Directory Server
Developed the entitlements Web Service Event Handler with Tivoli Directory Integrator to manage users and entitlements on Tivoli Access Manager integrating the solution with Web Sphere Portal.
Implemented the HTTP Server Event Handler and EAI assembly lines using Tivoli Directory Integrator for Web Seal Authentication in Entitlements project
Deployed and installed Entitlement solution on Linux and AIX platforms

Software Engineer Commercial Miami Florida

Developed Assembly Lines and Event Handlers using Tivoli Directory Integrator
Developed J2EE Web Applications and Portlets to manage specific requirements on ADT.com project using Lotus Workplace Web Content Manager, WCM API and Web Sphere Portal
Implemented J2EE and Portlet components to send email message according to specific Web Content Manager Workflows dates
Deployed the solution on Web Sphere Application Server
Design and implements J2EE components and Portlets on ADT.com project

ASSIST E Business Solutions Bogotá, Colombia

January 2004 February 2005

A provider of software, consulting services and business solutions to high profile companies around the world, with a strong presence in Latin American in countries like Colombia, Venezuela, Chile and Costa Rica. Recognized as a leading company being part of the IBM Business Partner World.

Consultant responsibilities included the following projects

Software Engineer Visa International Latin America

Chosen as a member of core team in the design, development and implementation of one of the most ambitious projects of Visa in Colombia *Verify by Visa* that integrates in one web portal consultations of every user that has a Visa credit, checking or saving accounts
Developed J2EE applications using IBM WebSphere Application Developer and IBM WebSphere Application Server to obtain information from the national system of credit cards and accounts of Visa and integrating it with a WebSphere MQ environment and a Windows 2000 server
Made design, administration and development of Portlets on WebSphere Portal 5
Strong experience in Java, JSP, HTML, Java Scripts, Portlets, Servlets and J2EE architecture
Developed Java Connectors to integrate applications with WebSphere MQ over an AS400 iSeries and Windows systems

Software Engineer Bayer Group Latin America

As a member of a software team, migrated old web applications from WebSphere 3.5 to WebSphere 5.0 in Bayer web portal
Designed and developed new J2EE applications using an IBM DB2 database and WebSphere Application Server

Software Engineer ECOPETROL National Oil Company of Colombia Bogotá Colombia

Functioned as a key member on the consulting team in the design and development of Java Applications in SENSOR project, the most important to date
Developed Java connectors for WebSphere MQ and Integrator over a UNIX system and Oracle database

Software Engineer Ministry of Foreign Relations Bogotá Colombia

Directed a team of four engineers in the design and development of *Apostilla* J2EE project
Trained systems engineers on WebSpeher Studio Application Developer, Java programming, Object Oriented programming design, UML and J2EE architecture
Lead a team of four engineers on the database design of *Apostilla* J2EE project

University of The Andes Bogota, Cundinamarca, Colombia.

June 2002 December 2003

Developed a Java web application for a private institution to administrate dynamic data using XML, Hibernate, JDBC, MySQL database and an Apache Tomcat Server

SKILLS

Specifications/Languages	Java, J2EE architecture, Java Server Pages (JSP), Servlets, Dojo, Java Script, HTML, XML, JDBC, Object Oriented Programming, UML, Rational Unified Process, Portal Development, SQL, CSS/CSS3, JQuery, PHP, JavaScript, Bootstrap, Web Responsive
Applications/Tools	WebSphere Studio Application Developer, WebSphere Application Server, WebSphere Portal, Eclipse, PHP Eclipse, Smash and CVS, Rational Unified Process Tool, Tivoli Access Manager, Tivoli Directory Integrator, Lotus Workplace Web Content Manager, Drupal, Joomla CMS
Databases	IBM DB2, Oracle, MySQL and Windows 2000 SQL Server, Relational DB
Other Tools	Microsoft Office Professional Word, Excel, Access, Outlook, PowerPoint, FrontPage and Microsoft Project
Platforms	Microsoft Windows 2000/XP/NT, UNIX and AS400 iSeries, <i>AIX</i> , <i>Linux</i> , <i>Windows</i> , WebSphere Application Server, Apache Tomcat Server, Windows 2000 Server