

JOSUE BALANDRANO CORONEL

121 E. Quamasia Ave, Apt #158. McAllen, Tx. 78504

956-451-7674 • xirdneh@gmail.com

Github: <http://www.github.com/xirdneh>

SOFTWARE ENGINEER II

Technically sophisticated and solutions-oriented developer; hands-on experience working with end-users to design applications and automate a range of business processes. Adept at communicating with individuals across the organization to identify requirements and determine optimal solutions while maintaining information and system security. Experience on debugging and maintaining medium to large application as well as developing such applications from the ground up. Inclination to teach others if needed as well as learning and using new technologies. Highly proficient in C, C#, Visual Studio, Python, Java, C++ and Qt cross-platform application framework also using different HTML technologies such as; HTML5, CSS, JavaScript, PHP, Python/Django and Flask, ColdFusion and Java Portlets. Experience with JS libraries such as jQuery and angularJS.

AREAS OF EXPERTISE:

- Software Design / Development
- User Requirements / Process Analysis
- Innovative Problem Solving Skills
- Emerging Technologies / Methods
- MVC programming pattern
- Creation and usage of Web Services.
- Implementation / Deployment Planning
- Testing / Validation / Bug Remediation
- Process Automation Solutions
- Productivity & Efficiency Improvements
- Responsive Web Design / Implementation

TECHNICAL PROFICIENCIES

Operating Systems: Windows, Linux, MacOS

Software: Word, Excel, PowerPoint.

Programming: ASP.NET, C++/Qt, MySQL, C# .NET, Visual FoxPro, Python, Django and Flask, Java, CSS, JavaScript, PHP, MVC programming pattern, ColdFusion, Classic ASP..

Web Server Platforms: Apache and IIS.

JavaScript libraries and framework: JQuery, AngularJS, NodeJs, JQueryMobile

Content Manager Systems (CMS): Wordpress, Droopal, Django CMS, Django Zinnia, Cascade.

PROFESSIONAL EXPERIENCE

University of Texas-Pan American, Edinburg, Texas.

Web Software Engineer II. 01/2013 – Present day.

Technical Scope: Linux (Servers running RHEL 6.2), Windows (Servers running IIS), MS SQL, Oracle, Java, JavaScript, HTML5, CSS, Cold Fusion, Classic ASP.

Responsible for engineering, integration and maintaining campus web software applications adhering to the frameworks, standards and best practices established by the Division of Information Technology using advanced and innovative approaches to develop solutions.

Key Achievements:

- Introduced latest technologies into the current applications.
- Implementation and developing of new responsive designs as well as new tools and protocols in order to make current web applications easier to use for non-technical users.
- Implementation of a new MVC framework for new applications.
- Helped junior developers and designers to improve their software developer skills.
- Implementation of new content management system as well as training for some of the staff.
- Debugging, testing, maintaining and, if necessary, re-factorization and/or re-writing of different libraries/applications that needed an improvement.
- Implementation of multiple applications using Web Services.
- Creation of Web Services using XML and JSON as Data Structures for communications.

BALCO JOYEROS, Cd. Victoria, Tamaulipas

Systems Administrator / Lead Developer, 12/2008 – 12/2012

Technical Scope: Windows (used by the end user), Linux (Servers running Arch Linux), Word, Excel, PowerPoint, Access, Flash, MySQL, C# .NET, C++, Visual FoxPro, Python/Django, Java, CSS, JavaScript, PHP

Provided comprehensive technology support, systems administration, and user training for this company operating jewelry stores, toy stores, and cattle breeding ranches. Developed all internal reports, including inventory, sales, attendance, merchandise tracking, and gain / loss reports. Oversaw all help desk operations. Supervised four-member IT team; instructed on use of internally developed tools. Ensured consistent adherence to tight budgets and ambitious deadlines. Updated and refined code for open source projects. Installed, configured, and administered centralized Arch Linux server, workstations, and CCTV system.

Key Achievements:

- Excelled at designing and developing user-friendly technology solutions to support business needs for novice-level end users.
- Led major project to develop Inventory & Sales and Attendance applications from initial requirements and process analysis through testing and deployment.
- Directly contributed to improved efficiency by automating information updates to decrease manual processes. Utilized PHP, MySQL, JavaScript, and CSS to design Web pages to display reports.
- Implemented new security protocols to verify and distribute new merchandise and transfer merchandise between locations.
- Increased frequency of periodic inventory reporting; contributed to improved communications with employees and managers.
- Independently researched and evaluated new and emerging technologies as well as development methodologies.
- Developed web tools with C# ASP .NET to speed up information retrieval in key aspects of the company.
- Creation of an Inventory/POS application using Python/Django used by multiple branches.

FREELANCING JOBS

Web Software Developer.

Technical Scope: MySQL, Postgres, PHP, Python.

Designing and implementing web sites and web applications using different tools. Worked with different clients in different context, helping them to create the best environment for their websites/applications.

Key Achievements:

- Working with different clients for implementation.
- Implement easy to understand administration interfaces, with the use of frameworks and CMS's.
- Worked in different hosting environments.
- Rapid implementation of designs.

Samples:

- <http://www.doser.mx>
- <http://www.amexicojapon.com>
- <http://www.tecblue.mx> .
- <http://www.cookingmexico.com.au>

EDUCATIONAL BACKGROUND

M.S. in Computer Science, Expected Graduation Dec-2015

UNIVERSITY OF TEXAS-PAN AMERICAN, EDINBURG, TEXAS, UNITED STATES.

Bachelor of Science in Computer Engineering, 2008

INSTITUTO TECNOLÓGICO DE ESTUDIOS SUPERIORES DE MONTERREY, Monterrey, Mexico.

ITIL Foundation Certificate in IT Service Management, 2014

AXELOS PEOPLE CERT. REGISTRATION NUMBER: 9980065046668661, CERTIFICATE NUMBER: GR750124535JB.

Certified Web Application Defender (GIAC), 2013

SANS INSTITUTE (<http://www.giac.org/certified-professional/josue-balandrano-coronel/135445>).