JON E. BIANCO, PMP, CSM

Mission Viejo, CA 92691
949.267.8738
Jon.Bianco@AlumniMail.Pepperdine.edu
LinkedIn: https://www.linkedin.com/in/Jon-Bianco/

Software Development Engineer

- Innovative software engineer offering over 15 years of experience in the full software development lifecycle – from concept through delivery of next-generation applications and customizable solutions.

- Expert in advanced development methodologies, tools, and processes contributing to the design and delivery of cutting-edge software applications.

- Excellent troubleshooting skills – able to analyze code and engineer cost-effective and responsive solutions.

- Excellent customer support interaction – able to understand customers concerns and deliver effective solutions that ensure customer success.

Development Tools and Frameworks

C#/VB.NET, .NET Framework (MVC), ASP.NET, WebAPI (RESTful Web Services) | C/C++11/STL, UWP/DirectX, MFC, WIN32, WinCE | MS-VS IDE profiling and debugging |TCP/IP and UDP Sockets | Java, Applets, Jetty Servlets, JSP, Maven| Angular/Ionic, Sencha ExtJS | HTML5, JavaScript, CSS, JSON | PHP, NodeJS, JSON, REST, CRUD | MSSQL, MongoDB, Derby Databases | Ruby on Rails with Amazon AWS cloud computing services | Git and Vault version control systems | Linux Proficiency

Additional Areas of Expertise

- Object-oriented Analysis, Design, and Programming (OOA, OOD, OOP)
- Project conception, planning and execution
- Project leadership and management of multi-disciplinary teams
- Aptitude to resolve critical issues in dynamic environments
- Interaction with customers for timely problem resolution

Professional Experience

Lead Client Software Architect - D & E Support Professionals   2003-2018
Mobile terminal emulation software solution provider

- Designed and developed a Minimum Viable Product (MVP) system for Ionic3 Web App and Sencha ExtJS front-end and Java/Servlet (Maven) for managing multi-server HTML and JSP content.
- Designed and Implemented a Universal Windows Platform (UWP) solution in C#/.NET for a GUI-based terminal emulation thin-client solution collaborating with Microsoft and their developer resources to timely deliver the application to the Microsoft App store.
- Designed and implemented a common base-code platform for a terminal emulation thin-client in C/C++ (MFC and STL) targeting Windows CE, Mobile and x86 Architectures. This resulted in a cost-effective solution that decreased time to implement new product development.
- Designed and developed a Java-based multi-threading server test tool simulator to troubleshoot Terminal Emulation sessions without the need for a Telnet Server.

- Designed and developed a Java Applet for a Web-based server administrator solution. The Java API implemented RESTful Web Services to communicate with a multi-threading Java server hosting multiple Terminal Emulation connections.

Software Engineer IV - Symbol Technologies, Inc.   1987-2003
Worldwide supplier of mobile data capture and delivery equipment

- Developed a Web browser for the Palm and WinCE PDA wireless devices in C++. The solution required embedding client-side JavaScript, barcode scanning, magnetic stripe-reader, signature capture, and printer technologies.
- Implemented Kerberos client authentication with wireless radio roaming support in an embedded software solution.

Engineering Processes

- Integrated voice automation to a terminal emulation thin-client to enhance process flow and user productivity in the enterprise mobility warehouse and field service applications.
- Responsible for strategic initiative to plan, manage, and implement device management software for wireless devices. Effectively facilitated cross-functional collaboration with several vendors implementing the solution.
- Developed engineering specifications leveraging object-oriented application analysis, design, and integration techniques (OMT) to incorporate HTTP 1.1 and HTML 3.0 specifications for a PDA Web browser.

Customer and Peer Training and Customer Support

- Customer application development consulting in C/C++, C#/VB, and Assembler.
- Deployment of client/server application solutions at customer sites incorporating wireless LAN technology and database programming experience.
- Customer ISO/OSI compliance for host connectivity for Ethernet, TCP/IP, Spread Spectrum and Narrow band protocols. Duties consisted of reviewing customer system requirements and presenting practical solutions.
- In-house network and PC support through installation, repairing, and upgrading of network and PC peripherals.
- Various technology transfers through documentation of the software cycle and training new developers in charge of the new technology.

Education

Master of Science, Software Engineering
National University – San Diego, CA

Master of Business Administration
Pepperdine University, Malibu, CA

Certifications

- Certified Project Management Professional (PMP) - Project Management Institute
- Certified ScrumMaster (CSM) – Scrum Alliance
- Certificate of completion, Project Management, UC Irvine, CA.
- Certificate of completion, Object-Oriented Programming, UC Santa Cruz, CA