Michael Ross

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PROFESSIONAL SKILLS:

Extensive IT experience. Experience as a technical Webmaster, Web developer, programmer/analyst, project lead and project manager, performing analysis of client and system requirements, interaction with users, department heads and upper management, creating design specifications, system and application architecture, security integration, new structured development, as well as maintenance programming, QA, documentation of systems, applications, and procedures -- the *full software development cycle* (SDLC).

PROFESSIONAL EXPERIENCE:

Web Developer, Programmer/Analyst IV   **The Boeing Company**
4/06 - Present   **Huntington Beach, California**

Web and application developer, project lead. Supporting Enhanced Digital Maintenance Task Analysis (eDMTA), C-17 Global Services and Support, C-130 Avionics Modernization Program, KC-10 CNS/ATM Program, and the Weapon Systems Modernization Program. Working primarily in ColdFusion, web scripting and markup languages, Flash, and other Web technologies, utilising Oracle and SQL Server back ends. Providing support for application and system structure, creating new Web-based applications, and making extensive enhancements and modifications to existing applications. Engaged in Boeing's AD&S (Application Development & Sustaining) documentation and project methodology, supplemented by Tortoise Subversion (SVN) and IBM Rational Clearquest tools.

   Software application projects include
- o   Maintenance and modification of the Enhanced Digital maintenance Task Analysis application (eDMTA), providing data to a Sapphire application. (Flex 3.5 with Coldfusion, SQL Server)
- o   Support for C-17 Global Services and Support. Created GS&S IT Security Scan Wiki to address Boeing application security vulnerabilities. Support of UOC-Assign (Use on Code Assignment). (SLICwave, IBM DataStage, UNIX)
- o   New web site design, architecture, and implementation for the C-130 program VPN/SSLVPN. Creating templates, ensuring platform compatibility, usability, structure navigation and taxonomy. Program blog. Overseeing all departmental web authors, content, multimedia, web integration, and security. (SHTML, SSI, HTML, CSS, JS)
- o   New site for the KC-10 CNS/ATM program, (SHTML, SSI, HTML, CSS, JS)
- o   New portal interface for the KC-10 CNS/ATM program, (Oracle WebCentre)
- o   New web site for Weapons Systems Modernization (SHTML, SSI, HTML, CSS, JS)

- o Avionics Modernization Program - IT (AMPIT) Events Scheduling Calendar application, showing multiple graphic views of scheduled events, filtering by program, sponsor, and attendee(s), (Coldfusion, Flash, Oracle)
- o Configuration Data Tracking (CDT) application which captures changes being made to the current aircraft configuration baseline, and provides an assessment of the potential impact to the evolving design specifications. (Coldfusion, Flash, Oracle)
- o Boeing Flight Test Information Management System (FTIMS), creating comprehensive flight test plans and tracking the test points of those flight tests, as well as test outcomes. (Coldfusion, Oracle)
- o Lessons Learned application system, storing and providing document access to lessons learned resources via record metadata. (Coldfusion, Oracle)
- o C-130 Affordability application system for soliciting and rewarding program revenue generating ideas and lean cost saving ideas. (Coldfusion, Oracle)
- o WSSO (Web Single Sign-On) secure login implementation.

EDUCATION:

San Diego Community College **– Web Development Certificate (600 hours)**, Adobe Acrobat, Adobe Photoshop, ImageReady, Adobe Illustrator, Macromedia Flash (Dynamic Server-side Flash, Advanced Actionscript, Flash Components & UI, Flash Sound & Video, Flash Developer Projects, Flash:ASP.NET), Advanced JavaScript, dHTML, CSS for Web Design, Databases on the Web, Macromedia Director, Typography, Web Design, PHP/SQL, Information Architecture, Macromedia Dreamweaver using ASP / VBScript and ASPX / C#, ColdFusion, Web Security, Fireworks, Oracle SQL, Oracle SQL Plus, Adobe Premiere, Adobe AfterEffects, XHTML, XML, Perl, Image Restoration, Linux, Software Project Management, QuarkXpress and Desktop Publishing, MetaCreations Bryce, 3d Studio Max, Apple Quicktime VR and panoramic QTVRs, Paint Shop Pro, Web Usability Best Practices, Web UI Design, Web Usability Design and Integration.

University of California San Diego **– Java Programming Certificate**, Java, Java Swing, GUI Application Design, Apache Tomcat, Oracle SQL

Total Quality Management (TQM) *training*, as well as integration of the business philosophy derived from W. Edwards Deming.

Maricopa Technical College, Advanced computer courses (Advanced COBOL, BAL programming, OS/VS JCL, Hex Core Dump Analysis),

*Lamson Business College***, Associates degree in Computer Programming**

*Arizona State University***, B.A.** in Education with double major in English and Fine Arts

*Phoenix College***, Associate of Arts degree**

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Summary:

- Management and project lead experience

- Organizational skills and exacting attention to detail, working on concurrent projects in demanding timeframes

- Extensive IT background and work experience in the complete software development cycle (SDLC)

- Excellent verbal and written communication skills

- Understanding of Web applications and technologies

- Considerable experience working as part of a team on team-dependent, high-profile projects, on committees, control boards, with clients, users and upper management

- Fine Arts, graphic arts, and photography background, able to integrate professional art background with commercial design, imaging, and graphic/digital/multimedia requirements.

- Teaching background.(primary and secondary school)