

Chuck Coker

Tyrell Software Corporation

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Summary

Chuck is a senior level developer with 10 years of professional IT experience, involved in all levels of software development, from specification, to development, and documentation.

Skills

Programming Languages: C, C++, COBOL, Fortran, Java, JavaScript, Pascal, PHP, VBScript, Visual Basic, x86 Assembly

Tools and Technologies: ActiveX, Apache Server, ASP, COM/DCOM, Configuration Management, Cross-Browser/Cross-Platform web development, Crystal Reports, HTML, IIS, JDBC, LDAP, Linux, log4j, Mac OS X, MFC, MIL-STD-498, ODBC, Plug-Ins, RoboHelp, SQL Server, TCP/IP, Visual C++, WebObjects, Windows

Proficiencies: Aircraft, Anthropology, Documentation from Requirements Gathering through User Manuals, Education, GPS, Linguistics, Robotics, Satellite Communications, U.S. Dept of Defense "Top Secret" Clearance, User Interface Design

Experience **PowerSchool SIS v3.0**

Implemented custom scheduler reports for Apple's PowerSchool School Information System v3.0 Master Schedule Builder utilizing Java, Oracle, and PDF technologies.

REALTrans.com

Developed an XML parser, COM objects and NT services for a real-estate B2B web site using Visual C++, Win32 and ATL. Also lead the effort to make the existing MSIE-only front-end compatible with other browsers, and non-Windows platforms, using DHTML, CSS, JavaScript, and ASP. Wrote load-testing applications for their servers, and helped troubleshoot JSP pages.

Kaiser Permanente

Worked on the Registry Definitions, Patient Summary Print Server, and Statistics Print Server components of a nation-wide patient-tracking database. Components were developed using Visual C++, MFC, Win32 API, Rogue Wave, Oracle and Access databases, and Crystal Reports.

Experience continued

Kaiser Permanente (continued)

Also worked on the Results Reporting project, an effort to develop a nation-wide clinical information system. Client ran on Windows NT, developed using Visual C++ and the Rogue Wave, Olectra Chart and Ultimate Grid libraries. Wrote technical documentation and coordinated with other project teams.

U.S. Navy

Worked on a real-time intelligence gathering and display system called TASID. Clients ran on Windows NT and Sun Solaris, and written in Visual C++ with MFC and Win32 API, and JDK 1.2 with the Kawa IDE respectively. Developed networking code to interact with GIS, GPS, TRE, TRS, Link16, TDDS and DACS data sources using TCP/IP, with the Windows Sockets 2.2 API.

Also added multi-threading capabilities, designing the database used by this system, researching IP Multicasting, processing NITF files, insuring Year 2000 compliance, CM, and technical writing.

Also designed and implemented the configuration GUI for TASID, which stored user information in the Windows NT registry.

U.S. Air Force

Developed software to calculate the center of gravity for Air Force Two (the Vice President's plane), the Boeing C-32A. The software was used by the pilot, and printed summary reports to a secure printer before take off and landing. The software was written in Visual C++ and used MFC. Help was created using RoboHelp and InstallShield was used for the installer. Involved in all phases of the project, including technical writing.

I/O Solutions

Systems analysis, design, implementation and documentation for a hospital administration system for use by admitting managers to quickly verify insurance coverage before admission. Written in C and Assembler and using the Btrieve database on the MS-DOS platform.

Education

College of Business Administration, California State Polytechnic University, Pomona, California (1992-96)

BSc. Majored in Computer Information Systems with emphasis on Business Systems Analysis and Design

Minored in English, Linguistics and Anthropology

Graduated Cum Laude

Ranked 4th out of 1251 in the class

Riverside City College, Riverside, California (1989-92)

Associate of Science, Majored in Computer Information Systems and Business Administration.

Ranked 1st of out 958 students