

Craig Cecil

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Objective

To build insanely great software that you can see, hear and feel.

Summary of Qualifications

- Professional software developer with 22 years of experience in all stages of the software lifecycle for commercial, enterprise and government software.
- Expert in front-end web engineering, resulting in significant cost savings, improved user experiences and longer effective use lifetimes.
- High level of knowledge and experience with usability, accessibility and user-centered design with all types of application models.

Employment

Lockheed Martin (1996-present): Senior Internet Developer

- Internet standards evangelist and subject matter expert for Lockheed Martin and Social Security Administration front-end web engineering (HTML, CSS, JavaScript, Usability, Accessibility, Performance Optimization) and mobile application design and development.
- Invented, designed and developed the FlexWeb User Experience Framework for the Social Security Administration. Currently used by over 50 Social Security Internet applications, serving over 50 million users. Provides an extensible, component-based front-end framework for rapidly constructing and deploying web applications and mobile apps for the federal government.
- Designed and developed reusable software components for Social Security Administration web applications, including SSA SmartPages and SmartForms.
- Designed and developed web standards-based page component and presentation layer architectures which reduced bandwidth costs over 50% for the Social Security Administration, saving the agency millions of dollars per year.
- Designed and developed over 10,000 lines of component-based JavaScript code for use by all Social Security Administration Internet applications.
- Developed over 25,000 lines of Java Server Pages (JSP) and Java code for five Social Security Administration Internet applications, serving the public.
- Technical Lead of presentation-tier development of the Internet Social Security Benefits Application. This application received the second highest customer satisfaction score ever recorded among all government web sites from the American Customer Satisfaction Index.
- Developed training courseware and conducted training seminars on best practices for developing with web standards and providing Section 508 compliant web applications.
- Work order manager for Internet, groupware and Microsoft-based office automation solutions for the Social Security Administration.
- Conducted web site analyses/audits for the Health Care Financing Administration and the Social Security Administration.
- Designed, developed, and deployed Microsoft Exchange-based groupware applications, intranet sites/applications, and electronic forms solutions for the Social Security Administration.

Verizon (1992-1996): Client/Server Solutions Provider

- Designed, developed, and deployed collaborative computing environment throughout large department (200+ nodes) using the Lotus Notes architecture. Responsible for installation and administration of Notes servers.
- Designed, developed, and deployed a corporate-wide intranet web server and content for Notes/HTML publishing.
- Worked with a small development team to design a suite of Notes applications to deliver

investor and corporate communications information to executive desktops throughout the enterprise.

- WAN System Administrator for enterprise-wide client/server application. Responsible for administration/deployment of approximately 350 user workstations across seven organizational units in six states.
- Worked with an application development team, which designed, developed, and deployed a client/server decision-support system for corporate financial analysis. Responsible for designing and developing end-user interfaces and communications interfaces between workstations, servers, and mainframes.

Skills

Internet Technologies

HTML 5, Dynamic HTML (DHTML), XHTML, XML/XSL/XSLT, Cascading Style Sheets (CSS3), JavaScript/ECMAScript, Document Object Model (DOM), AJAX, JSON, YUI, Dojo, jQuery, jQuery Mobile, Active Server Pages (ASP), Java Server Pages (JSP), PHP, Cold Fusion (CFML).

Software & Internet Engineering

SEI CMM, Agile, Scrum, UML, User-Centered Design, Accessibility, Section 508, Information Architecture, SEO Optimization, Web Server Log Analysis, Event-Driven Design, Object-Oriented Design, Function Point Analysis.

Programming Languages

JavaScript/ECMAScript, HTML, Java, C, Visual Basic, VBA, VBScript, SQL, Pascal, COBOL, Fortran, Assembler, Prolog.

Operating Systems

Windows (all versions), Android, iOS.

Databases

MySQL, MSAccess, FoxPro, dBASE.

Education

Loyola University Maryland (1990-92)

Masters degree in Business Administration/Information Systems.

Johns Hopkins University (1989-90)

Completed several graduate courses in Economics.

McDaniel College (1985-89)

Bachelor of Arts degree in Economics/Computer Science and Business Administration.

Academic Societies

Phi Beta Kappa

Omicron Delta Epsilon (International Honor Society in Economics)

Pi Gamma Mu (International Honor Society in Social Sciences)

Professional Societies

Association for Computing Machinery (ACM)

IEEE Computer Society

Professional Awards

Lockheed Martin Performance Excellence Award (1998, 2012)

Lockheed Martin Lightning Award (1997, 1998, 1999)

Lockheed Martin CMMI Level 3 Star Performer Award (2005)

Social Security Administration Commissioner's Award (2009)

Social Security Administration Associate Commissioner's Award (2011)

Lockheed Martin Mission Success Award (2011)

