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## SUMMARY

Software Engineer with broad range of skills in many languages and platforms. Experienced in front-end GUI design and development as well as back-end programming practices. 6 years experience developing in an enterprise environment focusing on platform/browser independent solutions and client/server architectures.

## SKILLS

RIA Development - Adobe Flex 2.0 / ActionScript / MXML / Cairngorm / Java-Swing  
Web Development - DHTML / CSS / PHP / JavaScript / AJAX  
Operating Systems - Linux / Solaris / Mac OS X / C / C++ / Objective-C  
Tools - Eclipse / SoapUI / FireBug / ServiceCapture / Ant / Shell / Apache / SVN / CVS

## EXPERIENCE

### Software Engineer – Matchmine, LLC

2008 – Present

User Interface developer for Adobe Flex and JavaScript Applications

#### *Current Project*

#### **Partner User Experience Framework**

Designed and developed re-usable template-driven user interface components for matchmine partner websites using JavaScript, DHTML, and CSS. Tested components for cross-browser compatibility and aided client services team on implementation of templates and CSS. Worked with project managers to add new features to existing widgets based on client requests. Communicated requirements to platform server team to ensure new features would be supported on the back-end in a timely manner.

#### *Past Project*

#### **Flex/ActionScript SDK plug-in**

Conceived, designed, and developed an Adobe ActionScript plugin for embedding on partner websites. Plugin was used to maintain application state between page loads through the use of flash local shared objects. It also provided a mechanism for communicating cross-domain from partner sites to matchmine webservice and handled XML parsing and JSON encoding. Added support for OpenID to various secure server calls and collaborated with contractors to develop a PHP interface to OpenID on MatchKey.com website.

### Software Engineer – Computer Associates Intl.

2003 – 2008

Design, Development and Support for CA Threat Manager.

#### *Past Projects*

#### **Threat Manager r12 Web Console**

Conceived, designed and developed an enterprise management console for Threat Manager r12 using Adobe Flex, ActionScript, and MXML. Integrated with .NET back-end Web Service using Cairngorm MVCS Framework and communicated using custom XML data objects. Coordinated with graphics designer to develop unique look and feel to application components and icons using CSS skins. Developed custom components to be used throughout application by a team of 8-12 developers. Documented best-practice techniques in Flex for new team members and other CA groups starting out with Flex.

*Past Projects  
Continued...*

**eTrust ITM r8.1 Web Client and Product Installer**

Enhanced web-based user interface using CA proprietary web server and C++ Server Pages (CSP). Added platform specific functionality for Linux, Solaris, and Mac and improved HTML and CSS display on Firefox and Safari web browsers. Addressed issues related to localization including variable length strings and different date/time formats.

Designed, developed, and implemented platform independent installer. Utilized CA proprietary installation software combined with shell scripts, command line utilities, and C++ configuration tools. Unpacked, deployed, and integrated product with previous versions, open source products such as Apache and Tomcat, as well as other CA products.

**eTrust Antivirus r7.1 Desktop Application and RPC Engine**

Developed Java Swing based plug-in and desktop application to emulate previous Windows native user interface on Linux, Solaris, HP-UX, and Mac. Utilized constraints-based layouts to support multiple languages. Incorporated platform look-and-feel where possible to provide a familiar experience for the user.

Assisted with porting Windows Remote Procedure Call (RPC) architecture to Linux, Solaris, HP-UX, and Mac. Debugged low-level marshalling and un-marshalling of C++ objects onto a TCP socket.

**Support and Daily Tasks**

Address customer issues related to installation and initial configuration of products. Maintain development group website, build machines, and test lab consisting of 30 machines all running different versions of Linux, Solaris, HP-UX, Mac OS X, and Netware. Monitor and maintain build system to provide daily builds, patches, and SDKs for other groups.

**EDUCATION**

**Ithaca College, Ithaca NY**

*1998 -- 2002*

Bachelor of Science in Computer Science with minor in Physics

3.5 Cumulative GPA, Sophomore Core Award, Principle Trumpet in Campus Band

Related Course Work

Software Engineering, Operating System Concepts, Assembly Programming, Robotics, Computer Networks, Web Development, GUI Design and Development

**Lab Assistant, Ithaca College, Dr. Wanda Dann**

*2001 -- 2002*

Assisted professor and students in 100 and 300 level computer science courses. Instructed students in the development of their course websites. Identified coding errors in Java, Javascript, and HTML. Tutored students in a one-on-one setting for topics such as HTML frames, tables, and image compression. Supported various software packages including Borland J-Builder and C++Builder, Macromedia Dreamweaver, and Jasc Paint Shop Pro.

**ACTIVITIES/  
AWARDS**

360Flex Attendee, Seattle Washington

*2007*

Principle Trumpet, Sharon Community Band and Jazz Ensemble

*2003 -- Present*

Eagle Scout, The Boy Scouts of America

*1998*