

Travis Berthelot

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OBJECTIVE

Strive to provide the best software development, design, and architecture at a growing company.

SKILLS

Java – J2SE; Android; J2ME; J2EE; JSP; Custom Tags Libraries; JDBC; Swing; AWT; Servlets;

Other Programming – C/C++; XML; XSL; DOM; LDAP; SQL; XML-RPC; SOAP; ANT; MDA; XMI; UML; OpenGL/DirectX; DHTML; HTML; CSS; JavaScript; ActionScript; CGI; PHP;

SOFTWARE

Data - OpenLDAP; MySQL; Sybase; Oracle; Interbase/Firebird; Derby; PostgreSQL;

OS - 9x/NT/2k/XP/Vista; Linux (mainly Red Hat/CentOS/Fedora Core); Unix; Solaris;

Art – AOI; 3D Studio; Blender; Corel; GIMP; Photoshop; Audacity;

SCM – CVS; SVN; ClearCase; VSS;

Other – IDEs - Netbeans; Eclipse; Visual Studio; JEdit; VI; Emacs Servers - Tomcat; JBoss;

I also have several years of hardware installation and troubleshooting experience.

EXPERIENCE

AllBinary, Lewisville, Texas

Owner, 2002 - Present

I left Intervoice-Brite to start my own software development business. I have written and supported three main products including, but not limited to the following:

- Developed AllBinary Arcade Game Development Kit to speed game development for multi-platform games. The development kit supports Android, J2ME (MIDP 1.0/2.0 Profile), Applet, and Standalone PC Applications. It contains rapid game development tools and over 50 small libraries for creating games including the following and more:
 - Path finding routines
 - Remote high scores
 - Special collision detection

- Touch buttons and gestures
- Tile map creation and loading
- GUI for embedding vector graphics in Midlets before the SVG API
- Fast Android plugin and various libraries for the MicroEmulator

For more info on the AllBinary Arcade Game Development Kit please visit:
<http://allbinary.no-ip.biz>

- Created some games with my game development kit including the following:
 - [Zepto Racer](#)
 - [Zepto Towers](#)
 - [Obama Stimulus](#)
 - [Zepto Wars – RTS](#)
 - [Don't Lose Your Balls!](#)
 - [Santas War On Terror](#)
 - [Mini Space War w/Sprites](#)
 - [Mini Space War w/Vectors](#)

They have been played over 1 million times on Android, J2ME, and J2SE platforms. You can play the Web Start, Applet, and Android versions right now at:

<http://allbinary.no-ip.biz/AllBinaryArcadeGames.html>

- Created an input automation tool to help speed application testing
 - Input Automation GUI using Java and Swing
 - C/C++ DLLs for human input device hooks
 - Application specific OSGI plug-ins using Knoplerfish
- Developed two E-Commerce software packages called Freebisket and Weblisket using EJB, Java, SQL, XML, XSL, and more. Freebisket required the development of the following modules and more:
 - Store Builder
 - Shopping Cart
 - Custom Tag Library
 - Order Management
 - Secure Authentication
 - Inventory Management
 - Customer Management
 - Store Manager Web Interface
 - Multiple User Roles and Permissions
 - Single Admin Interface for multiple sites
 - Paypal and other Payment Processing Plug-ins
- Maintained, supported, and customized Freebisket web servers for customers which included, but was not limited to the following:

- Provided customers at silkyprint.com a web application that used Flash/ActionScript, XML-RPC, and JSP to prototype custom printing jobs and submit them into the Freeblisket E-Commerce Solution.
- Various database backends like banner advertisements that would submit or record data into a MySQL database on the server side.
- Developed a hierarchal graphical tree structure for the client side to control inventory categorization for a custom Freeblisket server.
- Custom views for non generated Freeblisket product pages
- Setup computer hardware and software for small businesses
 - Setup wireless networks
 - Installed/Configured software
 - Replaced computer components

I have also done some short term contract work during my entrepreneurial adventure.

Intervoice-Brite, Dallas, Texas
Systems Software Engineer, 2000-2002

- Coded distributive client/server software down to the socket level
- Created automated bandwidth testing GUI for distributed system
- Used ClearCase and CVS for Configuration Management
- Developed graphic user interfaces with Java Swing/AWT
- Used JNDI with LDAP for storing rarely modified data
- Designed and generated skeleton APIs with UML
- Made several installers using Java InstallShield
- Ported multiple projects from Windows to Linux
- Wrote design documents for multiple projects
- Coded test programs for various projects
- Setup computer hardware and software

EDUCATION

University Of North Texas, Denton, Texas
B.S., Computer Science, 2000

GPA: 3.2, Major GPA: 3.4, Minor: Technical Writing

CERTIFICATIONS

Texas Education Agency, Lewisville, Texas
Business Computer Programming

BACKGROUND

Learned basic programming principles when I was about 12 with an early version of Basic on a TI-99/4a. Started learning OO principles in high school with Turbo Pascal.

Won a state competition in high school with a program that solved physics problems. I went on to learn C/C++ until I found Java in 1996.