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**OBJECTIVE**

Seeking a software engineering position in a dynamic organization that can benefit from my programming skills as well as my open source experience.

**SKILLS PROFILE**

*Platforms*

- Linux, Windows and UNIX

*Mobile Development Skills*

- Android, Blackberry

*Mobile Applications*

- Medco Pharmacy – mobile application in the healthcare space running on Android, Blackberry and iOS
- gEZTipper - Developed a tip calculator for the Google android Operation System

*Programming Skills*

- Linux Development, Java, PHP, Python, Bash, J2EE, Servlets, Portlets, Rational Application Developer, LDAP, Microsoft ADAM, WebSphere Application Server, Rational ClearCase, Java Advanced Imaging, JMS, JAXB, JUnit, Spring Framework, C/C++, JSP, Apache, Tomcat, Xerces, XML, SOAP, XSLT, Web Development, SDLC, HTML and the Rational Unified process.

*Open Source Development Experience*

- Gentoo Linux Developer – Gentoo Kernel Team Lead Responsibilities in the kernel team include the maintenance and troubleshooting of Gentoo released kernel packages, the troubleshooting of kernel issues as well as the submission of patches to Linus' upstream kernel tree including the stable tree. Responsibilities as an ebuild developer include the maintenance, development, and troubleshooting of software packages to ensure they install and run properly on a Gentoo user's system.

*OS Projects*

- Portpeek – developer of python based tool to assist users in the maintaining of software installed on their Gentoo Linux Systems
- elog-list – utility to display and manage logs created by Gentoo's package manage

	<ul style="list-style-type: none"> <li>• county block - A utility to block IP addresses on a server by geographic location.</li> </ul>
<b>EDUCATION</b>	<b>Stevens Institute of Technology</b> , Hoboken, NJ BS Computer Science, May 1992

<b>EMPLOYMENT HISTORY</b>	<b>Medco Health Solutions</b> 12/2001 - present
	<p>100 Parson Pond Drive Franklin Lakes, NJ 07417</p> <p><i>Technical Specialist – Mobile Development Technical Lead</i></p> <ul style="list-style-type: none"> <li>• <i>Designed, developed and delivered the Medco Pharmacy Mobile application on both the Android and Blackberry platforms.</i></li> <li>• <i>Produced the security architecture to ensure secure communication between the mobile devices and the backend Medco servers.</i></li> <li>• <i>Led the Medco side of the development team while interfacing with additional off shore and on shore resources to produce the iPhone and iPad version of the application.</i></li> <li>• <i>Produced the final builds and worked on the submission process into the Android Market, VCAST Store, Blackberry App World and Apple App Store.</i></li> <li>• <i>Currently handling the triage, code fixes and builds for the additional versions of the application. As Technical Lead, handled the finances of the project reporting on monthly burn rate as well as processing invoices from an outside vendor working to ensure project was delivered within the budget</i></li> </ul> <p><i>Senior Application Architect – CTO Organization Portal Team</i></p> <ul style="list-style-type: none"> <li>• <i>Key participant in the architecture, design and development of a Client Portal infrastructure and application upgrade. Involvement in this project was at every stage from design, development, implementation, deployment and support.</i></li> <li>• <i>Worked with security teams to ensure design met or exceeded Medco security requirements for secure transmission of protected data.</i></li> <li>• <i>Developed application code to provide functionality for the Medco Client Portal. This application code included web applications that provided the following functionality: Password Reset, Password Change, Entropy Management and login. Code was also developed to interface with Microsoft ADAM via the LDAP API.</i></li> <li>• <i>Developed portlets for use in the Oracle Webcenter Interaction</i></li> </ul>

*Manager to provide front end functionality to documents stored in the Oracle Knowledge Director.*

- *Worked closely with contractors to produce cookie based SSO-like functionality utilizing the IBM Datapower appliance for the applications that reside within the portal.*

#### *Senior Application Architect – CTO Organization*

- Assumed the role of architectural adviser for projects across the enterprise. This role included ensuring software and hardware solutions are in line with CTO strategic direction and providing architectural expertise for design work.
- Developed future state technology stack for next generation automated pharmacy as well as the re-platforming of existing ones. Led the adoption of Linux and other open source solutions in the enterprise.
- Participated in the effort to bring the PHP language into the company as a viable option for the replacement of thick client legacy applications. Current role is to provide assistance in the project tasks on the technology side including proper use and configuration of PHP on Linux servers.
- Participating in the framing and promotion of a multiyear strategy concerning authentication and authorization for applications with users both internal and external to the organization. The strategy includes the use of stateless web services and trusted security repositories.
- Led the effort to bring in and educate the company on the use of Wiki software. Participated in all areas of procurement, installation, development tasks, support and ongoing administration.

#### *Senior Application Architect – Pharmacy Operations*

- Provided software architecture expertise to pharmacy operations team to support electronic pharmacy operations.
- Redesigned and developed software utilizing J2EE technologies to replace legacy systems involving imaging.
- Designed and developing Java Web Services to expose functionality that exists in legacy systems to new applications across multiple departments.
- Provided operational support of preexisting applications throughout the country.

#### *Application Architect – Enterprise Architecture Team*

- Worked in the design and development of services to support Medco's eCommerce B2C website.

- Maintained existing software packages and developed new, innovative technology offerings to both members and investors.
- Part of a team tasked to create a software framework to be used by the entire enterprise. Utilized the Spring Framework and built upon its features to provide core code for applications to build upon.
- Acted as liaison with developers in India as well as the internal users of the developed software.
- Coordinated off-shore and on-shore development teams to provide timely and accurate deliverables.
- Participated in all steps of the software development life cycle including requirements gathering, design and development.
- Outlined the build and deployment strategies for use across the enterprise.
- Developed stateless EJBs to access Siebel database using a Siebel connector (JCA). Core code was developed using a plain old java bean (POJO). Applications can change the method of access to the database (EJB or POJO) with a small change in a configuration file using dependency injection.
- Coded the access to the mainframe from WebSphere using JMS and the IBM JMS MQ API's.
- Delivered Web interfaces using the Java Server Template Library (JSTL).

#### *Application Architect – Core Services*

- Developed software and supported systems as part of the core architecture team. Provided guidance to development teams concerning software designs and implementations. Participated in acceptance meetings to approve architectures or suggest alternatives.
- Designed and developed applications using servlet technology to integrate with third party systems to identify client browser information. This technology was coded within the 'front door' of a system with millions of unique registered users.
- Participated in requirement gathering during meetings with members of the business team. Transformed business requirements into technical documents.
- Coded java servers that utilized TCP/IP to listen on a port and received XML or ASCII messages. Java server was coded to be generic to provide a solution for multiple projects. Core code was provided so that other development groups could

utilize the generic server and create extensions to customize the server for their individual needs.

- Investigated Enterprise Java Bean technology as a future direction for the company. Studied solutions offered by IBM and the JBoss group.
- Coded a reusable database pool using Java technology.
- Supported e-commerce B2C, B2B and CSR site 24/7.

*Application Architect –Consumer Site*

- Supported java applications across the B2B, B2C and CSR environments. Implemented the back end of the Google Search application for use by Customer Service Representative

**Viecore, Inc.**

02/1999 - 12/2001

600 E Crescent Ave  
Upper Saddle River, NJ 07458

*Senior Technical Consultant*

- Worked as a consultant on a variety of different projects for clients. Extensive interaction with customers for both the pre-sales and implementation phases of orders.
- Assigned the role of Technical Lead on a 401k-retirement project for a major on-line brokerage company. Responsibilities included the analysis, design, implementation and deployment of the project as well as coordinating the efforts of fifteen programmers. Participated in the architecture and technical direction of the project. Utilized SOAP and XML to enable heterogeneous systems to communicate without the need to develop additional interfaces.
- Created an application using Microsoft COM to facilitate the data exchange between a major on-line theater ticket office and a ticketing back end engine. Responsibilities for this project included management, design, development, deployment and maintenance. Site URL: <http://www.fandango.com>
- Designed and developed a back-end messaging system to a banking system. This system was developed using Java and Python to receive and process messages between any devices wanting to communicate with a Summit back-end banking system. The communicating device only needs to have the ability to speak TCP/IP. The system exists as a multi threaded, module based application. The system has been used in the development of two on-line banks which are currently in production: <http://www.tcu.org> and <http://www.cacu.com>.
- Lead the design of the company's intranet site. Coded the

entirety or portions of the following modules: Programming code reviews, Design reviews, Source code project creation requests and programmer resources.

- Took the role of Project Manager on the company's internal process automation project. The goal of this still ongoing project is to automate processes that are currently done by hand. Responsibilities include the design and development of the system as well as directing and managing seven programmers.

**Merck Medco Managed Care**

05/1996 - 02/1999

100 Parson Pond Drive  
Franklin Lakes, NJ 07417

*Application Architect*

*Sr. Programmer*

- Took the lead programmer role in the design and development of a web-based application. Worked on all three tiers to develop a program that accesses pharmaceutical data through an Internet browser in an extranet environment. The client consisted of HTML screens that communicated with the servers through CGI programs.
- These programs accessed data from both a Sybase Database and a NCR Teradata machine. All code was written in C++ on a HP-UX UNIX box. Utilized and enhanced a preexisting middle tier which was used for background query processing and report generation using SQR.
- Provided end-user support to enable the transition of the support role to a group specifically created for that purpose.

*Programmer/Analyst*

- Participated in the coding and implementation of Windows DLL's using Microsoft Visual C++.
- Objects that performed specific tasks were coded and implemented into a PowerBuilder application. The programming language C++ and object oriented design was used to enhance the PowerBuilder environment beyond its limitations. These objects were eventually ported to the 32 bit Windows environment for the anticipation of the entire application becoming a Windows 95/NT 4.0 program.