Senior Software Engineer Senior Software Engineer Senior Software Engineer - GBTI Solutions Python Developer with Java & C/C++ Development Experience 9+ years Web Development: 5+ years in Python with Zope, Django, Google App Engine, Python API; 4 years in Java, JSP, Java Bean, Servlet, JavaScript, JSLayout, HTML, CSS, SQL, MySQL/PostgreSQL/ZODB/GAE datastore 5.5 years Server Engine Development in C/C++, ProC, SQL, PL/SQL, UNIX Shell Scripts, Oracle, UNIX   IT TECHNICAL SKILLS   Languages: Python, Java, Servlet, JSP, Java Bean; ANSI C, C++; ProC, SQL, PL/SQL, UNIX Shell, JavaScript, HTML, XML, DTML, FOCUS, ASP, VBScript, etc Database: Oracle server/UNIX 6 years, MySQL/UNIX 5 years; PostgreSQL 0.5 year, SQL Server 1 year; Google App Engine's Datastore 0.5 year; ZODB 3.5 years, MS Access 2 years, DB2 1 year OS/Platform: UNIX: HP 5+ yr, Linux 7 yr (RHEL & SuSE), Solaris 5 yr, DEC 5.5 yr, FreeBSD 2 yr, AIX 1 yr, Ubuntu 0.5 yr; Windows 2000 (Server & Pro) 3 yr, Windows XP, Vista, Windows 7 & Mac OS Hardware: HP, SUN Workstation 5yr, DEC 5.5 yr, IBM3600 1.5yr, SPARC Server, Supermicro Severs, DELL PowerEdge servers etc.   Software: JBuilder, Eclipse IDE, Komodo/Wing IDE, perforce, VisualAge, Oracle Client, SQL Plus, Web FOCUS, SQL Net, gdb, pdb, dbgp, SCM Tools (CVS, Subversion, Source Safe, Git), Reflection, Visio, MS Visual Studio, MS Project, MS Office, X-Windows, SPIM, SBT; Perforce, g4, v4, blaze; Wingware; Python IDE; Adobe Acrobat & PhotoShop, Lotus 123, VTLS software & Fulcrum search server etc. Web Servers: Apache web server (httpd-2.0.x), Google App Engine, Tomcat 4.x/5.x, Zope 2.12.x/Zope3/Plone 4.x, Zope 2.9.x/Plone 2.5.x Work Experience Senior Software Engineer GBTI Solutions - McLean, VA April 2012 to Present USDA NWCG Content Management System Project Lead (Python/DTML/PageTemplate/ Java Script/ HTML/ CGI/ CSS/ Zope/Plone/ZODB/ Apache/ SuSE/RHEL) - Designed and implemented all required new features of the Zope/Plone project (Python/ DTML/ PageTemplate/ JavaScript/ HTML/CSS/ Zope3/Zope2) - Developed, maintained and customized Plone web site (configuration and developments of content access, roles, permissions, security, workflows for data standards etc.) - Customized, debugged and fixed problems and issues in the project - Installed, configured, customized, developed and deployed Zope system - Enhenced, upgraded, migration from existing version to latest version of Zope/Plone

4.x - Built/configured/administrated UNIX systems for all Zope/Plone project development servers (SuSE 11.x) Application Engineer (Python Developer Consultant) Google Inc - Mountain View, CA August 2011 to December 2011 Worked at Google GWS on promoslinger web application Maintained and improved existing promo web application; Developed new features; Diagnosed and fixed bugs (Python, Django, JavaScript/JSLayout/Google Closures, HTML, CSS, Google App Engine Python API, Perforce, Google App Engine's datastore, Ubuntu UNIX) Python Developer (Consultant) Cielo MedSolutions (Advisory Board Company) - Ann Arbor, MI February 2011 to July 2011 Developed and maintained healthcare web application, web services adapter; Integrated B2B Web Services with python & java; Developed HL7 (CDA-encoded) CCD Parser etc. (Python, Java, javaScript, XML, CSS, HTML, CGI, WSGI, PostgreSQL, SuSE UNIX) Programmer/Analyst III University California - Los Angeles, CA November 2006 to September 2010 Python development on Content Management System Zope/Plone System and other Programmer Analyst duties Python/ Java /JSP/ Java Script/Perl/ HTML/ CGI/ CSS/ ZODB/ MySQL/RHEL)   - Built, configured, developed, maintained web servers, including data/codes conversion, system/web site migration and/or recreation from old system (such as users, groups, roles, security, workflows, etc.)   - Customized/Debugged/Enhanced web server functionality from existing servers/instances and Plone sites   - Installed/configured/customized and developed/deployed new Zope products/applications, including WebDAV, Zope ftp server, customized search engines, Single Sign-On with CAS server/Java, Phone Queries/MySQL, web statistical analyzer, etc. (Python/ Java/DTML/ZPT/UNIX script/Perl/CGI/ZMI/ZODB) - Implemented/developed new features on web site (ZMI /DTML/JavaScript/HTML/ZPT/CSS/PHP/ Python Scripts)   - Managed production and development web Sites as a site manager - Supported, as a technical resource, all level programmers and managers: diagnosed/researched /explored those Zope/Plone-related problems that are unable or very difficult to be solved by other programmers/analysts; and implemented all the requested features, targets, tasks, etc - VBA programming on medical group level financial reports/graphs, converted/integrated MS Word and Excel documents and graphs into PDFs (Microsoft   Word,   Excel/Macros   /   PDF   Editor)   -   Created   analytical   reports

(FOCUS/SQL/WebFOCUS 7.x server/DB2) - Built/configured/administrated UNIX systems for all development and staging server machines (RHEL 4); installed and configured all application servers (such as mail server, ftp server, CAS server) and libraries/packages - Installed/configured/maintained Apache servers on all machines (production server and development servers); - Installed/configure MySQL 5.x database and Zope adapters for MySQL; maintained/managed MySQL database Consultant, Software Engineer, Team Leader JCH Inc - Los Angeles, CA October 2002 to October 2006 Java, Servlets, JSP, JavaBean, JavaScript, HTML, XML, CSS on Apache/Tomcat/MySQL 4.x/RHEL 3 & on SQL Server 2000/Tomcat/Window 2000 Server - Developed & managed major B2C web sites (Linux & Intel PC platforms), including front/back end sales order creation, credit card transaction processing, record importing from XML-formatted Excel spreadsheets to database, multi-servers/sites interaction, loaded product category from parent servers, and performance tuning - Developed B2B web applications (Java/Tomcat/MS Windows 2000 Server/SQL server); - Maintained B2B web sites (Java/Apache/Tomcat/RedHat Enterprise Linux/MySQL/Oracle) - Configured and setup Apache server, web servers, mail servers, ftp server, and SSL as well as basic network configuration - Configured super-micro server systems and PowerEdge server system, and managed all UNIX machines in company with role of system administrator - Setup and Managed MySQL and SQL server databases as well as configured Oracle 8.x & 9.x databases Application Development Consultant E-needs Inc - Irvine, CA April 2002 to June 2002 Developed eWeb Scheduling application with VBScript, ASP, JavaScript, HTML, VB with Microsoft IIS / SQL server 2000/Windows XP/ Windows 2000 Software Engineer VTLS Inc - Blacksburg, VA August 1996 to January 2002 Developed a server engine of a new-generation integrated library automation system (UNIX-based, three-tier client server architecture, Unicode) on UNIX cross-platforms (HP, SUN, DEC, IBM3600), Oracle server, with C, C++, ProC, PL/SQL, UNIX Shell, TCP/IP, ASN.1, Z39.50 protocols - Analyzed functional design, designed & implemented two major subsystems (structure design, data manipulation flow, states transition flow, algorithm, system flowcharts, etc.) - Developed new components of client/server products with C/C++, ProC, SQL, PL/SQL, UNIX Shell,

TCP/IP - Developed and enhanced Unicode functionality on character set mapping from input character set to internal character set and from internal set to display set, enhanced OPAC Unicode search performance and browse searches - Developed and enhanced Server APIs (C, UNIX, Oracle Server, Z39.50, ASN.1) - Conducted numerous enhancements for the system and bug-fixing tasks (C/C++, ProC, SQL scripts, UNIX Shell) - Monitored database changes, proposed modification for subsystem-related tables, fields or indexes, and developed scripts (SQL, PL/SQL scripts, UNIX shell scripts) - Conducted data conversion & migration among different system products (C/C++/COBOL/ProC/UNIX) - Diagnosed and enhanced the integrated system, including system performance check and data integrity (C, ProC, UNIX utilities/ SQL scripts, Oracle, UNIX, TCP/IP, GRS, ASN.1) - Tested software behaviors/functionality based on design documents, specifications etc. - Provided implementation and/or function resolutions based on the identified problems. - Provided technical supports - internally for peers in company and externally for customers - directly interacted with customers in diagnosing and solving problems Education M.S. in Computer Science New York Institute of Technology - Old Westbury, NY July 1996 M.S. in Management State University of New York at Stony Brook - New York, NY December 1992 B.S. in Engineering Shanghai University of Technology - ??? July 1982

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