

Luis F. Gonzalez-Silen

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Objective

To join a dynamic technology company in Manhattan, which seeks to innovate and develop world-class software, and has a commitment to nurturing talent in a collaborative setting.

Profile

I am a Cornell-trained computer science engineer with the proven ability to deliver exceptional results in diverse roles, including software architect, engineer, consultant, developer, and tech lead, in companies ranging from a start-up to a global investment management firm. I am energized by technical challenges where I can apply my analytical and interpersonal skills to creative problem-solving. I am a strong leader and team member who thrives in a demanding environment, calmly and deliberately driving toward solutions even under pressure.

Education

Cornell University, College of Engineering, Ithaca, NY

Bachelor of Science in Computer Science 1999

United World College of the Atlantic, St. Donat's Castle, Wales, UK

International Baccalaureate 1994

Skills

Languages

Java, C, C++, SQL, PL/SQL, Perl, PHP, JavaScript, UML, HTML, XML, XSL, XPath, Jython, Jacl, Linux/Unix shell (bash, ksh), Windows batch

Platforms/Technologies/APIs

JEE/J2EE, EJB, Servlet, JSP, Struts, Log4J, Ant, JDBC, Hibernate, MyBatis, JPA, Spring, JMS, web services, SOAP, REST, AJAX, jQuery, Quartz, JSch, JDOM, JMX, JAXP, JUnit, LDAP, Flex

Software

WebSphere Application Server, JBoss, WebLogic, Tomcat, Oracle, DB2, SQL Server, MySQL, Derby, Access, Eclipse, Rational Application Developer, JBuilder, Firebug, SVN, CVS, PVCS, JIRA, Confluence, webMethods

Work Experience

2007 - Present T. Rowe Price, Baltimore, MD

Assistant Vice-President, Associate System Engineer, Technical Architect

- Provided JEE, WebSphere, and Eclipse strategic leadership and expertise to development and production support teams, and established and documented enterprise-wide technical standards
- Led the design and development of major components of a centralized application configuration and deployment system for 400+ internally-developed enterprise applications, achieving all milestones successfully and on schedule
- Increased developer productivity across the organization by standardizing workspace automation and promoting effective IDE and source control use, accelerating setup from days to minutes
- Exponentially reduced build time and increased delivery consistency by introducing a build automation framework
- Improved reliability and performance of a large financial transaction validation module by re-designing it using a rules engine approach

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2003 - 2007 GTECH Corporation, West Greenwich, RI

Principal Software Engineer, Tech Lead

- Led four teams of highly skilled developers through several iterations of a lottery claim, payment, subscription, and CRM application suite
- Promoted twice in nine months to roles of increased responsibility, fulfilling a critical role in bringing several releases to completion
- Analyzed requirements, estimated, prioritized, scheduled, assigned, and evaluated work in support of project plans, and participated actively in inception, elaboration, construction, and transition phases
- Documented and ensured use of selected best practices and common design patterns, and reduced costs by driving extensive integration with several third party open source libraries
- Ensured scalability by optimizing batch processing of massive datasets for customers

2001 - 2003 The Bit-Bang Network, Madrid, Spain

Architect, Lead Developer

- Responsible for design and productization of a content management system
- Coordinated development, configuration, documentation, and testing activities
- Designed, created, and enhanced relational data models for multiple database systems
- Hired, trained, and supervised new developers
- Gave technical and business presentations on the product

1999 - 2001 American Management Systems, Fairfax, VA

Programmer Analyst

- Analyzed and defined requirements, designed and developed software for large EAI telecommunications projects, including an order management and provisioning system
- Trained developers through individual mentoring and presentations
- Designed and developed automated system monitoring and notification utilities, statistical performance and order flow utilities, and risk management analysis and reporting tools
- Attained the highest performance rating possible

1996 - 1999 Cornell University, Academic and Technology Services, Ithaca, NY

Instructional Computer Lab Supervisor

- Hired, trained, and supervised lab staff (25 people)
- Managed hardware and software in the lab environment, and defined operational policy
- Promoted after nine months; balanced a 20-hour work week with a full academic load

1995 WebGenesis, theglobe.com, Ithaca, NY

System Administrator

- Administered the company's web site, mail server, and mailing lists
- Tested and debugged software
- Researched and implemented strategies for online publicity and promotion; created demos

Certifications

Sun Certified JEE 5 Enterprise Architect (SCEA)

Sun Certified Java 5 Programmer (SCJP)

JBoss Advanced Developer

IBM Certified System Administrator - WebSphere Application Server Network Deployment v7.0

Awards

Galileo Program Scholarship, Fundayacucho, Caracas, Venezuela

United World College Scholarship, Fundayacucho, Caracas, Venezuela

Dean's List, Cornell University

Interests

Chess: Established a successful club in Providence, RI; ran elementary school club in Baltimore, MD; active USCF life member, rated player, and tournament director.