

Santiago Gonzales

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SUMMARY

Highly dependable full stack Principal Software Engineer with 30 years' experience in designing and developing robust and scalable software. Accomplished in architecting and implementing software systems for high profile customers and product suites. Extensive history of working collaboratively with both local and global teams. Versed in mentoring others, scheduling, and coordinating projects. Brings drive, creativity, and sense of ownership to any team.

SKILLS

Primary: Java (21 Years), JavaScript (20 Years), HTML (20 Years), CSS (20 Years), XML (13 Years), SQL (13 Years), JSON (10 Years), Angular (4 Years), Kotlin (1 Year)

Other Technologies: Spring Boot, Spring Batch, Elasticsearch, Liberty, WebSphere, Velocity, JUnit5, Bootstrap, Vertx, JQuery, Guava, Guice, Jackson, JAXB, Swagger, Thymeleaf, Eclipse CHE, Docker, JSF, JavaFX, OSGi, Hibernate, JPA, Flyway, Log4J, Logback, Jetty, Tomcat, Selenium, Jenkins, C++, C, Flash/Flex, ActionScript 3.0, Perl, Prototype, Scriptaculous, Wickets, Swing, Spring, Struts, JSP, SGML, J2EE, EJB, JET, JBoss, Oracle Coherence, Cognos, Crystal Reports, Galaxy, Rogue Wave, Apache

Development Tools: IntelliJ IDEA, Eclipse, Gradle, Maven, Ant, Git, SVN, CVS

Databases: SQL Server, Oracle, DB2, Sybase, Gemstone (Object Oriented Database), Db4o (Object Oriented Database)

Operating Systems: Linux, Windows, Mac OS X, VMware

Additional: Rest Services, Agile/Scrum, OOA/OOD, UML, Architectural Design, Software Process, Documentation, Unix System Administration

EXPERIENCE

Kaiser Permanente, Englewood, CO

Principal Software Engineer

January 2018 – Present

- Leading a team that is developing a transgender care application.
- Designed and developed new features in a health care provider management system.
- Worked extensively to update and maintain software for a large enterprise call center application.
- Effective in development in all stack layers from server, to client, to database layers. Able to function in any capacity on the team.
- Greatly reduced the time it takes to setup the application server layers by automating source and server setup.
- Prolific in addressing ongoing defects in new development and production environments.

Software AG, Highlands Ranch, CO

Lead Software Engineer

April 2011 – November 2017

- Designed and developed business process integration software, which includes both service oriented architecture and business process management systems (BPMS).

- Worked extensively with high profile customers to resolve product issues, provide consulting support, and implement customizations.
- Led global team through design and development of a new cloud based BPMS integrated development environment.
- Created a custom application for a multimillion-dollar customer account to migrate tasks from multiple source task servers onto a new or existing task server.
- Added new product features to Task Engine for WebMethods BPMS suite.
- Enhanced BPMS WebMethods MWS portlet server by adding new features and improving existing functionality.
- Elevated customer experience and increased retention by implementing application to ease transitioning to a new version of MWS software.
- Improved BPMS build process through implementation of a new fix build tool, adopted by multiple teams globally, resulting in faster delivery of bug fixes to customers.

Jeppesen Inc., Englewood, CO

Senior Software Engineer

October 2010 – March 2011

- Designed and developed Geospatial Viewer to display airport navigational information.
- Enhanced processing software to ingest raw airport navigation information and apply transformations to data according to specified rules.

Software AG, Bellevue, WA

Senior Software Engineer

November 2008 – September 2010

- Designed and developed new features to extend the Composite Application Framework development environment for WebMethods BPMS suite.
- Enhanced MWS software by adding new features and improving existing functionality.
- Implemented ARIS Align, a Facebook/LinkedIn like social website, with tools to allow improved collaboration and communication over business process design and modeling.

Amgen, Seattle, WA

Senior Software Engineer

June 2006 – November 2008

- Drove the use of innovative technology to create a rich Internet application to generate metadata for imaged document content.
- Architected and implemented software allowing users to track lab instrument controller computers.
- Designed and developed scientific data conversion tools.
- Created XML Schema and software to export metadata from one enterprise system to another.
- Enhanced application to allow the inventory and request management of cellular material.
- Applied RUP/OOA/OOD methodology to drive requirements and created prototype for a blood product request system using flash/flex technology.
- Developed sample and assay reports for bioinformatics data.
- Created scripts to migrate lab notebook tracking data to a new lab notebook tracking system.

Independent Contractor, Denver, CO

Senior Software Engineer

January 2004 – April 2006

- Designed, developed, and maintained bioinformatics software supporting US Geological Survey scientists.
- Implemented an accounting asset management tracking system for the City of Denver.
- Enhanced and developed storm drainage billing system for the City of Denver.
- Created storm and sanitary drainage web applications to perform customer property liens for the City of Denver.

PricewaterhouseCoopers, Denver, CO

IT Assurance Summer Internship (CU Student Internship)

June 2005 – August 2005

- Evaluated the internal controls of information technology and business processes.
- Analyzed multiple client's information technology, organizational structure, and accounting information systems.

SynXis Corporation, Denver, CO

Lead Software Engineer

September 1999 – December 2003

- Architected generic hotel web booking interface, designed to allow customers to query for room availability and make online reservations.
- Enhanced reservation back-end booking engine to improve performance and extend functionality.
- Architected application that enabled hotels to customize look and feel of web booking interface.
- Created web reporting application that generates various HTML/PDF reports based on hotel rate/room information and customer booking information.
- Developed web application to allow hotel personnel to specify rate, room, and booking policy.
- Coordinated with Management to determine software implementation estimates and schedules.
- Interacted with Customer Product Analyst to generate software requirements.
- Performed staff interviews and conducted yearly reviews.
- Mentored engineers in application design and user interface development.

The Hibbert Group, Denver, CO

Senior Software Engineer

August 1998 – September 1999

US West, Denver, CO

Senior Software Engineer

June 1994 – July 1998

Hughes Aircraft Company, Aurora, CO

Software Engineer

May 1990 – June 1994

EDUCATION

M.S., Computer Science, University of Colorado, Denver, Colorado 1993

B.S., Computer Science, University of Colorado, Denver, Colorado, 1990

M.S., Accounting, University of Colorado, Denver, Colorado 2005