

SUMMARY

Versatile senior software engineer with notable success designing and developing large scale enterprise solutions

PROFESSIONAL EXPERIENCE

Syrinx Consulting
Sr. Software Consultant

December 2013 - Present
Boston, MA

Grantham, Mayo, Van Otterloo (GMO) April 2015 - Present

DevOps Engineer for the Portfolio Implementation group of a global investment management firm

One of three developers responsible for implementing in-memory caching for the .NET services using Microsofts MemoryCache, Entity Framework, ADO.NET, and SQL Server

Developed extensive unit and integration tests using Moq

Enhanced the continuous integration and delivery of the groups Java and .NET services leveraging Bamboo build/deployment projects and custom Powershell scripts

Tokenized the application configuration file shared by all services yielding two source controlled files the tokenized configuration template and the environment values file

Intygral (Astonish Results) January 2015 - March 2015

Software Engineer for industry leading insurance marketing and sales platform

Java developer implementing critical set of features to version 2.0 of the Dropwizard based platform

Implemented several event triggered and date based email campaign modules

Maintenance and defect resolution on current version of the platform

PayPal December 2013 - December 2014

Software Engineer on PayPals Large Retail Point of Sale (POS) SDK Project

Primary Java developer for the Large Retail POS SDK providing POS vendors simplified integration with PayPals payment services

Developed a lightweight POS application using JavaFX and jPOS used to demonstrate the functionality of the PayPal POS SDK as well as prototype new payment form factors

Developed a scalable deployment and configuration management solution using Puppet Open Source

Developed bootstrap scripts (Bash and PowerShell) for the initial deployment of the Puppet software

Developed shell scripts to poll the GitHub repositories for new SDK Releases and downloads the files into Puppet File Server making it available for distribution to POS terminals

Developed a web application to manage the Puppet Hiera Data for Group and Store SDK configuration using MongoDB, Node.js, and KrakenJS

Developed an internal tool used to measure latency for all public SDK methods allowing us to quickly recognize potential issues within the SDK code base

Configured a log forwarding framework using Logstash/Elasticsearch server and Logstash-Forwarder client software which enables aggregated log analysis

Contributed to the development of a socket to socket communication layer and Paypal ISO-8583 request/response into ORPOS 13.4.1 via Managers and Technicians

Andera, Inc.
Sr. Software Engineer

June 2011 November 2013
Providence, RI

Infrastructure Engineering Team (DevOps)

Lead Engineer for the DevOps team tasked with developing solutions to improve efficiency within engineering
Designed and developed a RESTful Web Service using Spring, Hibernate, MySQL, Tomcat, and Maven which facilitated the management of client application instances across all environments
Implemented Jsch to provide the SSH functionality to invoke operational shell scripts
Provided periodic enhancements and bug fixes to the jQuery based UI
Created unit test suites using JUnit and TestNG
Created SoapUI Test Suites for automated regression testing
Designed and developed a framework to validate the .csv and .xls configuration files which greatly reduced the number of imports and runtime exceptions in the oFlows application
Implemented custom xml properties file (using jaxb) to allow configurable validation rules for each file type
Implemented SuperCSV and JCommander to provide the base CSV and CLI parsing functionality
Integrated the validation framework into the existing shell script based configuration import process
Refactored shell scripts responsible for importing the configuration and deployment of the oFlows platform
Led the evaluation of the various components for the teams development stack
Introduced the use of TeamCity for continuous integration and build management
Defined and created the golden image (Centos 6 Linux VM) used by all team members

Enterprise Integration Team

One of four C# Developers on the team responsible for the Core Processor Interface (CPI). These SOAP and XML based web services provide integration to over a dozen core banking systems and consumed by both the legacy and oFlows applications.
Developed companys first loan system integration with the Symitar core banking system.
Enhanced and resolved defects for the existing core integration services
Automated the builds of 20+ .NET web services using NANT and CruiseControl
Conducted demos at the end of each sprint as well as updating internal documentation
Participated in the design and development of CPI v2.0

Ciber, Inc.
Sr. Software Consultant

September 2008 June 2011
Providence, RI

Amica Mutual Insurance Company
September 2008 - June 2011

Java Developer on the Web Development Team responsible for all aspects of Amicas policy holder services web application developed using a proprietary Amica Web Framework

Led design and development of the Auto Quoting enhancement project which entailed creating and maintaining UML diagrams, developing and unit testing Java classes, JSP, JavaScript, and CSS
Implemented a single sign-on (SSO) solution which consolidated the login credentials from across multiple lines of business into a single username/password leveraging JNDI and OpenDS
Developed and maintained JSPs for user registration and bill payment in accordance with PCI and NACHA standards in addition to Amicas strict privacy policies
Implemented the Post/Redirect/Get pattern into the application to help prevent duplicate form submittals and browser caching of personal data
Created a solution that enables the business and marketing teams to manage HTML content within JSP through the use of Ajax and a Content Management System (CMS)
Developed ANT build scripts and source code versioning standards which greatly improved the efficiency and consistency of the enterprise build process

Citizens Bank (RBS Americas)

April 2004 August 2008

Application Programmer III

Cranston, RI

Integration Architecture Team

Lead Java Developer on the Integration Architecture Team which was responsible for 100+ enterprise-wide middleware services which integrate with the banks legacy systems and data

Handled integration for the majority of Citizens backend functions such as account openings, account inquiries, customer maintenance, and funds transfers

Developed interfaces to external systems such as The Federal Reserve, Equifax, eFunds, Total System Services (TSYS) to perform wire transfers or retrieve credit ratings and credit card account information

Developed IBM WebSphere Message Broker message flows, message sets, and XML-to-COBOL transformation nodes

Created and managed IBM WebSphere MQ infrastructure

Implemented Attachmate Verastream Host Integrator (screen scraper) Connectors and APIs to invoke CICS programs and access host data

Utilized JNDI and JDBC prepared statements to retrieve data from DB2 and Oracle databases

Implemented Maven Repository to manage jar dependencies in the development environment

Implemented Spring and OpenLDAPs LDAP-JDBC Bridge frameworks, allowing for SQL-like syntax and connection management during LDAP Role DAO implementation

Implemented Struts and Hibernate to retrieve and maintain product rate data and Waive Code/Reasons information used daily by all branch tellers

Designed and developed an internal J2EE application that provided active monitoring of real-time system processes and delivered Tivoli Netcool alerts via email to our support team when various scenarios occur

BearingPoint, Inc. (KPMG Consulting)

August 1999 April 2004

Software Consultant

McLean, VA

US Department of the Navy

October 2002 - April 2004

Senior Developer for The Navy Marine Corps Intranet (NMCI) Enterprise Tool (NET) which is the Department of the Navys (DoN) single point-of-entry system for the Integrated Order to Delivery (IOD) process.

Developed the application using C#, ASP.NET, and SQL Server

Developed SQL Server DTS packages to import EDI files for all existing DoN user profiles, hardware, software, applications, and peripherals

Gathered business requirements and authored Software Requirements Specifications (SRS) document

Naval Air Systems (NAVAIR)

September 2001 - September 2002

Senior Developer for the SIGMA ERP Project which integrated the legacy Defense Civilian Personnel Data System (DCPDS) with the newly implemented ERP system (SAP R/3).1

Developed webMethods HR Interface which maintained the organizational and personnel hierarchy

Developed webMethods Cross Application Timesheet (CATS) Interface which ensured time and expense integrity

Wrote Technical Design Specifications (TDS) documents for all assigned interfaces

Naval Post-Graduate School (NPS)

May 2001 - August 2001

Developer for the enterprise portal which was designed and developed to provide end users with a seamless web-based front-end that provides them with the functionality to complete business transactions in multiple functional areas such as Procurement, Travel and Labor.

Implemented Coreport Portal tool and developed VB COM, and ASP components

Designed SQL Server 2000 database and stored procedures

Provided training for 5 NPS personnel in the use and configuration of the tool

US Department of the Navy

August 1999 - April 2001

Developer for the Procurement Request Builder (PR Builder) which gave Navy and Marine Corps personnel an intuitive web-based tool for the creation of purchase requests.

Converted an existing client/server application into a 3-tier Internet/web application using Microsoft technologies (VB COM, SQL Server, ASP)

Integrated with the Navys financial systems - Standard Procurement System (SPS) and the Marine Corps Standard Accounting, Budget and Reporting System (SABRS)

EDUCATION

Providence College

September 1995 May 1999

B.S. Computer Science, Minor in Mathematics

Providence, RI