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**Summary of Experience:** Professional with proven track record of success in development of new software; migrating and evolving existing software, leveraging existing code and tools; creating business to business applications, and transformation of concept through the product life cycle into an effective business solution.

**Languages:** Java, JavaScript, Java Server Pages (JSP), Java Server Faces (JSF), ANSI-SQL, Oracle PL/SQL, Transact SQL, Maven, Apache Ant, HTML, CSS, ASP, VB, PowerBuilder, RPG, COBOL, Pascal, and Fortran77

**Frameworks**: Core Spring, Spring MVC, Spring 3.0, Spring 4.0, Spring Boot, Spring Integration, Spring Batch, Hibernate, JPA, JUnit, Struts and Microsoft .NET

**Web Technologies:** REST Web Services, SOAP Web Services, HTML, JAXB, XML, XSL, JavaScript, Angular, AJAX, JSP/Servlets, OAuth, SiteMinder, PingAccess, ASP, , VB Script

**Databases Access:** JDBC, SQL, ORM, Hibernate, JPA, Oracle SQL Developer, TOAD, ADO .Net, ADO, ODBC, FFM

**Databases:** Oracle 12g, Oracle 11g, Oracle 10g, MySQL, Microsoft SQL Server 2008 R2, IBM DB/2, Microsoft Access 97, 2.0 and AS400 Universal Database

**Continuous Integration:** Jenkins, Hudson, JUnit and Maven

**Platforms, Servers & Middleware:**JBoss, tcServer, Tomcat, Oracle WebLogic, Websphere, J2EE, J2SE, IIS, Adeptia, IBM AS/400, WANG-VS65, and IBM Mainframe

**Operating Systems:** Linux Redhat, Linux Debian, Windows 10/7/XP/Server/NT, IBM OS/400, and WANG-VS

**Education:** Rhode Island College, Providence, RI. (9/85 – 5/89)

Bachelor of Science, Computer Information Systems.

*Other Accomplishments:* Wrestling Team, Captain, Four-time NECCWA Champion, Two-time NCAA Division III ALL AMERICAN Wrestler, Heatherman Award Winner, Dean’s List, Rhode Island College Hall of Fame

**Professional History:**

**SMARTIN Inc., North Smithfield, RI – Software Solutions Provider**

**Senior Java EE Developer** *(Independent Consultant)* At **Fidelity** (09/13 – Current)

Build and enhance over a dozen micro services that support alerts, cases, reports and blotters in Actimize. These micro services run on a websphere server utilizing REST web services, SOAP web services, Java EE, Spring 3.0, Spring 4.0, Spring Boot, JSP, Hibernate, JPA, Angular, Oracle 12g, PL/SQL, Jenkins, UDeploy, ArtiFactory, GIT, JUnit, NTLM authentication, Siteminder authentication, PingAccess authentication and OAuth authentication.

Also support over 40 – 50 java batch jobs that do various monitoring related to government requirements, AML and numerous models to detect suspicious activity related to financial services. These project utilize Linux, Linux scripting, key encryption, SSL communication, REST web services, SOAP web services, Java EE, Spring 3.0, Spring 4.0, Hibernate, JPA, Oracle 12g,PL/SQL, Jenkins, UDeploy, ArtiFactory, GIT and JUnit.

Developed and enhanced the Java EE archiving process used for alerts, cases, reports and blotters related to Actimize. That includes Materlizing the alerts, cases, reports and blotters to then archive the materlization to a separate document saving system. Then the removing of the alert, case, report and blotter from Actimize. To then removing the archived materialized alerts, case, report and blotter from the document saving system.

Developed a Java EE queue to allow for CRUD operations on administrative functions related to Actimize via SOAP web service calls. Developed a queue to allow for CRUD operations on alert functions related to Actimize via SOAP web service calls. Have written a queue to allow for notification via email, database call or web service call. These queues utilize, REST web services, SOAP web services, Java EE, Spring 3.0, Spring 4.0, Spring Boot, JSP, Hibernate, JPA, Angular, Oracle 12g, PL/SQL, Jenkins, UDeploy, ArtiFactory, GIT, JUnit, NTLM authentication, Siteminder authentication, PingAccess authentication and OAuth authentication.

**Senior Java EE Developer (***Independent Consultant)* At **Fidelity** (10/12 – 04//13)

In my first contract with Fidelity with the Pyramis group, worked with a team to support and enhance a J2EE system via Agile scrum. The backend was written in J2EE application using J2EE, OOD, OOP, Core Java, Core Spring, ANT, Hudson, JUnit, Design Patterns and caches, fronted by a Java Swing application. The system used by portfolio managers to view their performance and holdings of their portfolios. The system runs in a Linux environment on a Tomcat server with an Oracle 11g backend. This system has heavy use of Java, JDBC, Data Access Object (DAO) Layer, Oracle stored procedures and functions.

For another project with FIIS (Fidelity Investment Institutional Services) group, I worked with a team and was assigned to support and enhance their CBS(Common Business Services) system which is a series of Java Web Services that supplies Institutional type transactions to other areas of Fidelity using SOAP Web Services.

For another project with FIIS group, I worked with a team to convert a Legacy application to a new Java EE application platform. These systems used J2EE, OOD, OOP, Core Java, Core Spring, Spring MVC, JSP, Tiles, Maven, JUnit, Selenium, Scrum, Design Patterns and ehCache. This ran on a Web Sphere server with an Oracle 11g backend running on Linux boxes. The environment was IBM RAD(Rational Application Development) with full integration to RTC(Rational Team Concert).

**Senior Middleware Developer** *(Independent Consultant)* At **Body Central** (04//13 – 08/13)

Developed Web Services utilizing Java EE, Soap and XML. Wrote technical specifications for inbound and outbound interfaces for the integration strategy which used any combination of the following, Web Services, Soap, XML, CSV, HornetQ, DB2 File Triggers, SQL Server 2008 File Triggers and Adeptia, a middleware solution.

Was brought in to perform due diligence on the replacement of their current Order Management System(OMS) MNP. Analyzed all current interface between MNP and American Eagle(AE), their web site provider also analyzed all current interfaces between MNP and Island Pacific(IP), their merchandizing system.

Also wrote technical specifications for the client of how to move data from MNP to Serenade, this included vendors, open purchase orders, items, open customer orders, customers and all supporting tables for these functions.

**Senior Java EE Developer** *(Independent Consultant)* At **Utility Company** (06/12 – 08/13)

Worked with team to develop Java REST web services which upload and download Automated Meter Reads utilizing Java EE, Hibernate, Spring Batch, Angular and Oracle.

Developed approximately a dozen custom REST web services which represented a backend system that accepted HTTP requests and returned XML to consumers including handheld devices used in the field for field service orders. System was developed in Java EE, Hibernate, Oracle 11G database running in a JBoss server, in a well layered multi-threaded, multi-tier SOA architecture including extensive use of design patterns such as Command, Service, DAO and Factory. Invited back to conduct part time occasional maintenance over the years.

**Senior Java EE Developer (***Independent Consultant)* At **Newmine** (10/10 – 3/17)

Developed numerous programs to sync inventory.

Developed a Java based integration solution for a start-up client of Newmine. This involved integration of a mobile back end solution to multiple POS systems, credit card providers and other data services like image management, tax, address validation etc. Used Spring, Spring-WS, Hibernate, Web Services, servlets and Java to design and build for this stealth mode startup company focused on developing mobile product aimed for retailers. Technologies used: Java, Spring, Hibernate, Linux, MySQL, XML, SOAP, HTTP and TomCat. Invited back to conduct maintenance and additional work in future.

**Senior Java EE Developer,** *Independent Consultant* At **Astra Zeneca** (09/11 – 06/12)

Performed Java EE development on the current Oncology iMed system, which is a Java, JSF(Prime Faces) front end running on a Oracle weblogic 10.3.3 server communicating with a backend in a continuous integration environment utilizing Jenkins, Maven, JUnit and Agile Scrum. The backend system utilizes; J2EE, OOD, OOP, Core Java, Core Spring, Spring Batch, Hibernate, JPA, Linux, Log4j, Oracle weblogic server 10.3.3(11g) and Oracle 10g database. I supported the creation of the front end JSF and also worked in the middleware building DAO and services layer with Hibernate and JPA. Have also built saving, retrieving and sharing of heatmap, importing and exporting of data for this application.

Within Astra Zeneca I worked for the RDI group which supports Oncology iMed(Innovative Medicines) and ICC(Innovation Centre China). We basically were tasked with allowing the functionality to build a custom heatmaps that shows CGH, Expression, Pharmacology and Mutation data in a map that will make research processes more efficient. This heatmap could present data related to cell lines, genes, probes, probesets, compounds and mutations. The system provides critical information linking cell proliferation data generated from large panels of cancer cell lines with information on potential molecular disease drivers to support the generation of clinical hypotheses. A user can build a custom heatmap that can be saved and shared with others. Colors are heavily used on this heatmap to show a visual representation of the data to the user so that they can then zoom in from there on the actual underlying data. The system has both importing and exporting functionality.

**Senior Java EE Developer,** *Independent Consultant* At **ADP(BZ Results)** (05/11 – 08/11)

The current system is a Java JSP and JQuery front end running on a tomcat server communicating with the backend via ActiveMQ in a continuous integration environment utilizing Jenkins, Maven, JUnit, Agile Scrum and JMockit. The backend system utilizes; J2EE, OOD, OOP, Core Java, Spring, Spring Integration, Spring Batch, Hibernate, JPA, Linux, Log4j, Drools, and MySql. I supported adding new OEM’s to the current system and all supporting documentation. Creating new OEM included the initial lead coming inbound then all the dispositions that transpire via the movement of a lead to a delivered car or not interested anymore status.

The group within ADP that I worked for supported and enhanced a Lead Management system for OEM car dealers to handle all aspects of leads. Our system is the system of record for all leads that come into a dealership, they can come via web, email, phone, OEM or third parties like Kelley Blue Book and Auto Trader. The system allows you to create appointments and tasks with reminders that can be delivered via email, display, RSS feed, SMS message or twitter. We have several types of automation emails that can be sent out and we allow bulk emails. We handle the process from initial contact to car being delivered.

**Senior Java Developer** *(Independent Consultant)* At **Dijipop** (02/11 – 05/11)

Dijipop is a startup company that sells digital shelf space for clients. They work with clients to get prime product placements on their web sites, then they put that digital shelf space out to bid to the manufacturer’s that sell there products to the client and the client receive additional revenue that they didn’t have before.

The current system is a Adobe FLEX and BladeDS front end running a winstone server on the backend utilizing the following technologies; J2EE, OOD, OOP, Core Java, Spring, Hibernate, Winstone, Linux, Log4j and MySql. The new system that I’m architecting is based on the following technologies; J2EE, OOD, OOP, Core Java, Spring, Spring-WS, Hibernate, XML, XSD, SOAP, JAXB, Tomcat, Linux, Log4j and MySql which is used to create web services for communicating data between our self and our clients. Some of these services use Soap based XML to communicate to our system coming into a Web Service, some are XML HTTP GET and HTTP POST services that utilize servlets to communicate to our system.

*Independent Consultant* At **Orchard Brands** (05/09 – 10/10)

Orchard Brands is the owner of several 55+ woman apparel companies with over one billion dollars of sales.

I am a software architect for the New Business Ventures (NBV) developing interfaces for third party (Encore, Aegon, Synapse and DHB (Discount Health Benefits)) products. We show screens that ask the customer if they would like a third party offer. Interfaces need to be designed by me and coded by me and other resources to communicate a customer’s willingness to take part with the third parties. This includes enrollments and cancelations. There are multiple eligibility rules that will not allow a screen to pop. We also send out call center conversion reports that detail how the offers are performing.

We also have third parties that do direct mail offers. Again we need to code interfaces with the third party systems to pass information related to the customers.

These systems are written in RPG/ILE and CLLE on an iSeries machine with interfaces to Commercial Ware. We communicate with these third parties via FTP, MQ and Web Services. We utilize PGP encryption and PCI compliance for transforming of data between ourselves and third parties. We have a middleware which utilizes webMethods in which it is used as a broker for inbound and outbound FTP transactions to the third parties.

*Independent Consultant* At **Rez1** (11/05 – 05/09)

I was a key contributor on the Architecture team completely re-writing the legacy application into a true three tier architecture. It consists of JSP as the front end application and the middleware, which hold the business logic, is written in Java with a mySQL database on the backend running on a Linux server. The technologies utilized are Java, J2EE, Spring, REST and Hibernate with use of Annotations and Generics.

Rez1 manages inter-modal equipment for railroad, steamship lines and third party equipment providers. The equipment predominately consists of different length containers and chassis. Rez1 currently has software that is used by Drayage Firms, software for Railroads and software for Inter Modal Companies which is used to create equipment, gate, and lane reservations. The systems are written as Java Applications delivered to the user via a JAR over the web using Java WebStart. The database is a DB2 database living on an IBM iSeries box with all business logic living in legacy code (RPG ILE) on the iSeries box. I have utilized the full product life cycle to implement numerous enhancements to the systems, both in Java and RPG ILE.

*Independent Consultant* At **Innovatum** (06/04 – 12/04)

# Gathered requirements, designed, coded, tested, implemented and supported a .Net application that is a repository of documents for a given workflow for multiply tasks for a company process. The system had a DB2 AS/400 database that had triggers on certain functions on the AS/400 files that would generate work flows. These work flows can then have multiple documents attached to them, emails can be sent from within the tasks, multiple notes can be created and multiple statuses can be assigned as the task works through the system. Lead the project through the entire life cycle, which included submitting proposals to upper management, managing the project resources, coding the project, supervising user testing and training, and performing implementation and support. The system was designed and marketed by Innovatum as a system named DocuThread.

*Independent Consultant* At **Staples Corporate Offices** (10/01 – 11/05)

# Gathered requirements, designed, coded, tested, implemented and supported an Order Consolidator process which takes Orders during the week for a given person and consolidates all of them onto one order for once a week delivery. This was written for a customer that needed this functionality in which brought in a $250 million contract to Staples over the next five years. This process is being rolled out to additional Staples customers. This process saves Staples dollars due to the fact they are delivering once a week and the number of boxes delivered is decreased.

# Created a new Staples Contract Pricing Engine to adhere to new Staples standards which included additional pricing functionality for Staples Contract line of business and to maximize margin on products. They include but not limited to the following:

# Primary and Secondary off-contract pricing for Staples and Wholesaler Skus.

# E-Diversity Pricing

# Cost Plus, Fixed Price, List Less with Cap, List Less, Range with List Cap, Range and Matrix Column

# Promotional Pricing

# Hinge Pricing

# Enhanced the feeds to Staples Link, which is the order entry system for Staples Contract line of business over the web. This includes product loads sent to Link nightly. It also included the feeds for creation of Orders which happen on the AS/400 via MQ.

# Designed and implemented an interface for credit card orders to the ClearCommerce fraud detection engine. ClearCommerce is a Third Party Unix based system which utilizes Java API to communicate with other platforms. I was responsible for the design/creation/implementation of an RPG ILE program, which calls numerous AS/400 Java methods on the AS/400. The Java program is a compiled Java program that runs on the AS/400. I had to create numerous fixes/workarounds to accomplish this because of bugs in the IBM RPG to Java interface. The garbage collector did not work like it was suppose to. This brought the Chargebacks from $1.6 million a month to fewer than $50 thousand dollars per month.

Made modifications to the Staples Contract front-end system and Staples Direct front-end system for a consignment project which allowed Staples to take products on Consignment from there vendors. The modifications were to introduce the cost of the item at the time of the sale. Consignment costs are held on the back end systems. This resulted in over $100 million in saving for Staples in the first year alone.

*Independent Consultant* At **Iron Mountain** (09/00 – 10/01)

Maintained and enhanced the client's Safe Keeper Internet product which allows certain customer to view their cartons and files on line and run reports over them.

Implemented a new portal site utilizing Microsoft Site Server 3.0. Created a new suite of graphical interface pages over the site server database to utilize new functionality that was not allowed in the core site server product. We only used the database and created our own Iron Mountain pages over the database. Heavy use of CDO, MTS objects and Java Script. Created dynamic pages that changed on the client, not the server.

*Independent Consultant* At the TAC Worldwide Companies (11/98 – 9/00)

Maintained and enhanced the client web sites used for Internet recruiting and the operational web site used to customize the client web sites. The web sites are completely database driven. The sites are developed using Windows NT/ IIS / MTS / ASP / Sql Server and also encompass feeds to multiple legacy systems and outside recruiting companies.

Also maintained and enhanced an Internet enabled invoice lift product. This product allows users to enter in workers and requisitions, which are then passed back to a people pac system, this is the system of record for hours. There are numerous reports that are driven off the data in which individual workers for the company can view their outside vendors.

There is a complete security system built around each of the two products. Both products have extensive Email push functionality. The products also use SSL.

*Independent Consultant* At the **Moore Company** (11/98 – 10/99)

Carried several projects through their entire life cycle, which included submitting proposals to upper management, managing the project resources, coding the majority of the project, supervising user testing and training, and performing implementation and support. All the projects were performed in the century date compliant version of BPCS 4.05 CD and were completed under budget and ahead of schedule. The projects included the following:

Modified BPCS to allow a supplier to ship goods on the same order to multiple destinations. The supplier can specify ship to addresses on a line by line basis. In addition, each line can have a different carrier and/or different freight terms. The modification allows invoices to be generated for like order number, ship to address, carrier terms, and freight terms, whereas base BPCS only allows invoice generation for like order number.

Modified BPCS to allow a customer to take goods on consignment, an arrangement in which the supplier sends the goods to the customer but does not bill them. The customer then electronically sends the supplier an ASCII file, which lists lots that have been acknowledged (received), and whether the goods have been used. Billing takes place when the customer notifies the supplier that a lot has been used. The project included creating a program that alerts the supplier when goods have been at a customer for 45 days, a program that allows the supplier to bill the customer for a lot, a program that transfers the ASCII file from the PC to the AS/400. Also supporting reports that show goods that have not been acknowledged, goods that have not been invoiced, and the dollar value of unbilled goods at month end, and inquiry screens that display lot information including the shipped date, acknowledged date, used date, invoiced date, yardage, and extended price. This modification allows the goods not to be billed to the customer until one of the three conditions occur.

Streamlining the packing line applications. This included the following projects:

Redesigning the packing slips to increase the number of rolls per packing slip and to include the actual roll width for specific customers. The increase of rolls allows the client to send pallets to its customers.

Streamlining the bill of lading system, this originally required four separate data entry operations to process each container. The redesigned system allows containers to be processed in one data entry operation.

Streamlining the bill & hold system, which allows the supplier to bill the customer but hold the goods. These modifications cut the average time to process a bill & hold packing slip from 20 minutes to 3 minutes.

Modifying BPCS/Home Grown system to allow the supplier to perform credit checking at the container, lot, or customer level whereas base BPCS only allows credit checking at the customer level.

Implementing the current release of Credit and Deduction Management (CDM) for BPCS. BPCS (4.05 CD) does not function as shipped; modifications are required.

*Independent Consultant* At Chapman Equipment Rental Company (01/98 – 11/98)

Developed a rental equipment management application using Microsoft’s Visual Basic 5.0. Worked closely with client to determine business models and future business needs. This product extensively used ODBC API calls to the database.

*Independent Consultant* At DuPont Merck Pharmaceutical (03/97 – 10/98)

Successfully implemented a Year 2000 project for this global pharmaceutical products company for both their North American and European divisions.

Converted RPG, CLP, display files, print files and AS/SET Action Diagrams using NEXGEN’s Focus/2000 conversion tool. Overall, the North American phase of the project required the conversion of nearly 6,000 objects. The European phase of the project required the conversion of nearly 1,000 objects.

Contributed to the development of the AS/SET and RPG versions of Focus/2000.

Met all project deadlines and completed the project under budget. Performed quality assurance review for project programmers. Worked closely with upper management to ensure the availability of the resources necessary to meet all deadlines and provide continued support.

Was responsible for the testing and support of converted programs during the user acceptance testing, integration testing, pre-implementation and post-implementation phases of the project.

QCC Inc., Westwood, MA - Software Solutions Provider (07/92 – 03/97)

Worked closely with the product development staff of System Software Associates (SSA) to define and plan projects associated with QCC’s Advance Remittance Processing(ARP) and Credit and Deduction Management (CDM). These products were sold to SSA as BPCS modules and were supported by QCC. The products were designed using AS/SET, an AS/400 case tool that can generate both RPG/400 and UNIX code. In addition to the interactive and batch programs designed using AS/SET, numerous CLP programs and some RPG programs were written to take advantage of AS/400 functionality not supported in the case tool.

*Project Manager/Consultant*

Served as Project Manager/Senior Technical Advisor for a project that involved interfacing ARP and CDM to BPCS Accounts Receivable, Multi Currency, Order Entry, and CEA (Configurable Enterprise Accounting), at the time the new G/L module for BPCS 6.0. It was the first release of BPCS to make extensive use of embedded SQL and it was their first century date compliant release before 4.05CD.

Designed, developed, implemented, supported and user trained CREDT, a deduction management application. The product was also sold to SSA and private labeled as CDM, a BPCS module. As the primary liaison between QCC and SSA, I approved enhancements and provided product support. The product is sold worldwide and has been installed at more than 250 sites.

*Senior Programmer/Analyst*

Designed, developed, implemented, supported and user trained enhancements for AutoClear, an automatic cash application system. The product was also sold to SSA and private labeled as ARP, a BPCS module. I was primarily responsible for modifying the product to look and feel like a BPCS module. The product is sold worldwide and has been installed at more than 250 sites.

Was responsible for the complete life cycle of the following internal products:

A change management application that extracts information from the AS/SET repository to produce Program Temporary Fix (PTF) and new release tapes for QCC and SSA.

An application that generates temporary and permanent software access keys for QCC products. The keys allow sales personnel to track user base information and maximize product revenues.

Trina Inc., Fall River, MA - Manufacturing Company (06/89 – 07/92)

*Programmer/Analyst*

Designed, developed, implemented, supported and user trained an automatic scheduling system, a spoilage and substitutions system, and a charge back system for accounts receivable. Redesigned, developed, implemented, supported and user trained the company’s existing purchase order system. Worked daily with Accounts Receivable, Accounts Payable, Sales, Production, Payroll, Finished Goods, Raw Materials, and Work In Process Inventories applications as necessary.