

# Jason M. Lauricella

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IT Analyst | Software Development Professional

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Experienced IT Analyst and full-stack software development professional with increasing levels of technical roles and responsibilities at mid to large size corporations. Enthusiastic and hardworking team player who routinely leverages strong technical and business domain knowledge to design and develop optimal and sustainable high-quality solutions. BBA degree in Information Systems. Certified Java J2EE Programmer and Web Component Developer. (Sun Microsystems, 2006).

## TECHNICAL SKILLS

**Specialties:** Core Java, Java EE, JavaScript

**Java EE Technologies:** JDBC, JSTL, JSP, Servlet, POJO

**Languages:** Java, JavaScript, jQuery, UML, XML, JSON, HTML, HTML5, CSS, SQL, Procedural SQL, Unix Korn Shell

**Web Technologies:** RIA Nexaweb, AJAX, Dojo UI Toolkit, jQuery Mobile, Knockout (MVVM), JayData, jQuery, jQWidgets, RESTful Web Services

**Frameworks:** Spring Framework (IoC/Core, DAO, JDBC, MVC), Struts, LDAP, IBATIS

**Tools/IDEs:** JUnit, Ant, PVCS, StarTeam, Git, Bitbucket, TOAD, RapidSql, IntelliJ IDEA, Eclipse, VI Editor, TeamCity CI

**Databases:** Sybase, Oracle, MS SQL Server, MySQL, IBM DB2

**Servers:** Tomcat, WebLogic

**Software Lifecycle Methodologies:** Waterfall/SDLC, Agile/SCRUM

## EXPERIENCE

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### PepsiCo IT

2000 – Present

#### Senior IT Analyst, Order Taking and Delivery, Go-To-Market

PepsiCo IT, White Plains, NY, 2017 – Present

Primary in-house developer on a tactical team consisting of blended onshore, offshore contractor developer resources. Interacted with mix of strong technical team members ensuring the right technical decisions (strategy, technology, approach, design) were made at the right time and to the highest quality of standard.

- Designed and developed Java Spring RESTful Web Services, called by the order taking mobile tablet and return customer store floor layout diagrams along with shelf planograms which are used for identification of in-store opportunities.
- Designed and developed a Java Spring RESTful Web Service that is called by the order taking mobile tablet for purposes of storing the mobile app calculated distance between two subsequent customer stops to an Oracle database.
- Designed and developed Java Spring RESTful Web Services that integrate with the third party GeoTab telematics API service to query and return fleet/truck driver safety, driver off-duty status, and vehicle diagnostic measures. These measures are used for proactive awareness to help reduce potential vehicle issues and improve overall driver safety. The off-duty status was used to cross reference against other systems of record for the purpose of identifying login disparity for the closure of potential liability exposure.
- Contributed to a mobile reference implementation POC that utilized the Pivotal Cloud Foundry (PCF) PaaS infrastructure to build and deploy a Java Spring-Boot Microservices Web application consisting of a customer search RESTful Web Service.

- Researched, analyzed, strategized, consulted, and finally built and deployed the Web Service on the new PCF enterprise infrastructure. The POC proved a Microservices based Web application could easily be deployed into a containerized infrastructure that quickly, dynamically and cost-effectively adjusts based on application needs. Future increased use of this platform can allow the company to obtain substantial cost and productivity savings.

### **Senior IT Analyst, Customer Relationship Management, Selling Execution**

**PepsiCo IT**, White Plains, NY, 2016 – 2017

Assisted as technical lead / solutions architect on the NAB PerfectStore project. This project enhances existing selling tools with predictive analytical opportunity identification capability to ensure that the right product is on the right shelf for the right customer (and consumer) at the right time.

- Researched into MS Dynamics CRM mobile HTML5 client issues and acted as liaison between MS and various internal teams. Led weekly MS calls to discuss issues pertaining to geolocation detection, offline functionality, performance lags, search capability limitations and other asks.
- Developed and deployed a Bing map JavaScript POC to the organization's MS Dynamics CRM mobile HTML5 client for purpose of validating that new geolocation functionality was fully intact and sufficient for business needs.
- Served as liaison between internal/vendor technical teams ensuring the correct technical decisions (strategy, technology, approach, design, and code) were made at the right time.
- Served as technical SME for both Java Web applications and Java Web Services development. Instrumental in all technical design/architecture discussion/decisions including the design and documentation of database models/schemas/views, data integration/ETL, batch process, Web Services, Web applications, POCs, and assessment and procurement of underlying infrastructure capacity.

### **Senior IT Analyst, Customer Relationship Management**

**PepsiCo BIS (Business Information Solutions)**, White Plains, NY, 2015 – 2016

Assisted in leading technical requirements capture, strategy and design of the MS Dynamics CRM / SharePoint integration solution.

- Collaborated with internal staff and vendor resources to design a centralized Azure cloud based c# .net Web Service solution to allow varied computing clients to retrieve and upload centrally tagged SharePoint documents. Solution provided an interoperable methodology for documents to be commonly tagged, searched and retrieved in a client agnostic manner.
- Developed a pluggable HTML5/JavaScript web component (a SharePoint interfacing data grid) with jQuery and jQWidgets UI component technology for making web api calls to the vendor developed CRM/SharePoint integration solution.
- Developed an external facing Java Spring RESTful Web Service to deliver monthly sales history by product for customer. One of the first Pepsi projects to leverage the WSG (web services gateway) security proxy layer technology for allowing outside the network API callers (an application in the MS Dynamics CRM cloud) to call an internally hosted Web Service.

### **Senior IT Analyst, Pricing, PepsiCo BIS (Business Information Solutions)**, Somers, NY, 2012 – 2015

Developed a standalone Java program for calling the DocuSign RESTful Web Service API for creation (and deletion) of user accounts. The program was built for the Customer Relationship Management team for streamlining the setup of 1500 user accounts in 2 minutes.

- Primary developer on a new "cross-browser" standards based web application called STADMIN. Set the technical direction leading it to be one of the first successfully built SPA (Single Page Web App) for the organization. Strategically leveraged both time-saving/risk-mitigating UI components (jQWidgets) in

conjunction with jQuery to both streamline development and improve end product quality and maintainability.

- Developed a modularized set of reusable JavaScript utility libraries for handling routine application tasks commonly found throughout UI web development. Leveraged jQuery and industry best practices and design.
- Developed a widgets-based reference web application for capturing readily reusable learnings and best-practices in modern cross-browser web application development with the end goal of improving both developer productivity and product quality.
- Built a “write once and run everywhere” (desktop/notebook/tablet) HTML5 jQuery Mobile web application as personal interest exploratory POC on cross-platform technology. The application spoke to any service oriented middle-tier utilizing the JSON common data interchange format. The application made use of advanced JavaScript concepts such as single-global object, namespaced modules, MVVM pattern with Knockout.js, local browser storage, and geo-locational awareness via Google Maps API. The application was developed within Chrome to be run as an HTML5 web application within iOS Safari browser on the iPad.
- Performed role of IT web applications developer specializing in Java, RIA, and HTML5 based technologies. Day to day focus of work was on building, maintaining and enhancing new pricing application functionalities found throughout a suite of pricing applications (APG, PCR, CDW, Product Authorization, Deal) used by the sales organization.

#### **Software Developer, Pricing, PepsiCo Bottling, Somers, NY, 2003 – 2012**

Performed role of IT application developer specializing in web-based applications development with Java/JSP/Servlet/RIA-Applet technologies.

- Contributed to development, maintenance and enhancements of new customer forecast modeling and payment accrual application (CPS) for the service organization.
- Completed development tasks for the CPS customer contract setup, search, and audit report screens, including all Oracle stored procedure database, Java, and Nexaweb RIA development work.
- Contributed to development, maintenance and enhancements of new suite of pricing applications (Deal) for the selling organization.
- Completed end-to-end (UI, Java, Database) development tasks for such screens as customer search, customer-group maintenance, deal search, customer development agreement, report-generation.
- Led the Deal pricing team in analysis, design and development of a set of product authorization admin screens. Developed a single screen template generic enough to address the needs of both screens.

#### **Application Support Analyst, Supply chain, PepsiCo Bottling, Somers, NY, 2000 – 2003**

- Performed an application support role for various operational applications under the Manufacturing and Logistics business domain.
- Assumed role of liaison between application vendors and PBG to help manage and support all aspects of application releases including testing/quality-control, distribution, issue-resolution.

#### EDUCATION

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**Bachelor of Business Administration (BBA),** Information Systems: G.P.A 3.88

Pace University, Lubin School of Business, Pleasantville, NY

#### HONORS & AFFILIATIONS

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Alpha Chi National Honor Society, Beta Gamma Sigma, Pace University Undergrad Information Systems Department Award