

Sr. Software Consultant, AFF Sr. Software Consultant, AFF Sr. Software Consultant, AFF - Center for Enterprise Dissemination Services and Consumer Innovation Suitland, MD More than 11+ years of experience with proven expertise in system development including requirement analysis, design, implementation and testing with emphasis on Object Oriented, J2EE and client server technologies Participated in product planning with product management mentors and directed other engineers Experience developing J2EE applications using Struts, Spring and Hibernate frameworks Demonstrated ability in developing innovative and defining solutions, presenting solutions to clients and assisting clients with reviewing possible options Complete software life-cycle experience, from conception through beta-test, ship and maintenance Experienced in the use of AGILE approaches, including Extreme Programming, Test-Driven Development and Scrum Experience in Javascript, jQuery, HTML, AJAX, PL/SQL, Stored Procedures Experienced in following best practices for software development including Section 508 Experience in using iText, Jasper to enhance Web applications with dynamic PDF document generation and or manipulation Extensive experience with rapidly developing database centric applications using Oracle Application Express (APEX) Proficient in using JBOSS rules to separate business policies from process, infrastructure and presentation logic Experienced in the integration of LDAP with JAVA and APEX applications Expertise in implementing SOAP and RESTful Web services Experienced in creating customizable Web applications with Google Maps API Implemented multi-factor authentication using Google authenticator and Twilio API Hands on experience creating and configuring multiple AWS EC2 instances with Weblogic application server and Oracle database on them Worked on many sample applications with the latest technologies including Apache Cassandra, MongoDB, AngularJS, Node.js, Ruby On Rails, Git, Heroku, iOS and Android Authorized to work in the US for any employer Work Experience Sr. Software Consultant, AFF Center for Enterprise Dissemination Services and Consumer Innovation - Suitland, MD July 2017 to Present Suitland, MD Jul 2017 - Present American FactFinder provides access to data about the United States, Puerto Rico and the Island Areas. The data in American FactFinder comes from several censuses and surveys. CEDSCI will enable the public to make better decisions using data

through a continuously adaptive, customer centric, open and accessible dissemination environment that sets the standard in the federal community and spurs innovation. Responsibilities: Worked on various components like Metadata Publisher, Table Services, META2, Index-api under the CEDSCI umbrella of products facilitating transition to the new user centric design and architecture Worked extensively on Elastic Search and improved the overall search experience for the users Integrated Census's single sign on solution CPASS into index-api using apache-cxf libraries Used GitLab for source control and Jenkins for continuous integration Used Agile Methodology and Redmine to update the status of user stories Designed and implemented dashboard to monitor the health of various components using Angular Participated in release planning, estimations and task distribution Provided prototypes based on the requirements for review Worked with Vue.js and node.js to develop prototypes and facilitate the transition from Angular.js Worked with Spring and Hibernate to setup the development environment for META2 Demonstrated technical leadership in design, implementation and unit testing Environment: UML, Java, J2EE, JSP, Servlets, Struts1, Spring, iBatis, JNDI, JDBC, HTML, JavaScript, jQuery, PL/SQL, Stored Procedures, Eclipse 4, IBM WebSphere Application Server, Oracle 12c, Angular, Spring 4.2, Hibernate 5.1, Elasticsearch, Apache CXF Sr. Software Developer/Solutions Architect LCG Inc - Rosslyn, VA February 2016 to July 2017 The Application Review Module (ARM) is the Web-based application review component of the center of excellence line of business and is designed to provide an all-inclusive solution encompassing the grant application evaluation or "peer review" requirements of a grant making agency. Responsibilities: Designed and implemented various reusable components combining JSP, JQuery, Ajax and HTML into a user-friendly interface Participated in release planning, estimations and task distribution Worked with the business domain experts to gather the system requirements Provided prototypes based on the requirements for review Converted the user requirements into application designs using Java/J2EE technologies Implemented SOAP Web services for the application to communicate with the external applications Used SOAP UI to test the Web services Implemented Selenium framework to help the QA teams to do regression testing Designed and implemented PDF generation modules using iText Designed and implemented

Apache POI modules to generate the word documents Demonstrated technical leadership in design, implementation and unit testing Co-ordinated with QA for testing, UAT and production releases Provided technical production support for the applications Moved the development environment to cloud using AWS Implemented continuous integration using Jenkins

Environment: UML, Java, J2EE, JSP, Servlets, Struts1, Spring, iBatis, JNDI, JDBC, HTML, JavaScript, jQuery, PL/SQL, Stored Procedures, Eclipse 4, WebLogic Application Server, Oracle 10g Sr. Software Developer/Architect LCG Inc - Rosslyn, VA September 2015 to January 2016

The US EPA Office of Research and Development supports an annual competition titled "Scientific and Technological Achievement Awards" (STAA). The purpose of this product is to provide a web-based receipt system to accept an online nomination form and the supporting publication in PDF

Responsibilities: Used Maven scripts to build the application and deployed on the WebLogic application server Configured and implemented the application ORM layer using Hibernate

Configured and implemented the application to use dependency injection using Spring Used Spring MVC as the front end frame work Implemented responsive design using bootstrap and jQuery Performed unit testing of core functionalities through Junit Used Log4J for logging and

tracing the messages Environment: UML, Java, J2EE, JSP, Servlets, Struts1, Spring, iBatis, JNDI, JDBC, HTML, JavaScript, jQuery, PL/SQL, Stored Procedures, Eclipse 4, WebLogic Application Server and Oracle 10g Sr. J2EE Developer NIH - Bethesda, MD November 2012 to February 2015

CIMS is a Web-based, centralized data management and analysis system that assists the clinical investigators in managing protocols, patient data and research data. CIMS has the following major components: PTMS - Protocol tracking and management system is a secured Web-based

information management system designed to make the clinical protocol submission, review and approval processes more efficient, well organized, and accurate throughout the life cycle of a clinical research protocol. CSIS - Clinical Study Informatics System: This application is designed to manage

patient data. The application allows to create dynamic forms, setup patient recruitment, screening, and enrollment processes. STAMS - Specimen tracking and management system is a Web-based application built for sample tracking and management solution for all of your samples in the research

laboratory. PAT - The Protocol Authoring Tool application is a tool that was designed for investigators to facilitate the process of writing a protocol while staying in full compliance with the by the specific Institute Review Board provided templates. Responsibilities: Demonstrated an aptitude for designing and implementing various reusable components combining JSP, JQuery, Ajax and HTML into a user-friendly interface Participated in release planning, estimations and task distribution Worked with business domain experts to gather the system requirements Provided prototypes based on the requirements for review Converted user requirements into application designs using Java/J2EE Technologies Implemented Web services for the applications to communicate with each other Demonstrated technical leadership in design, implementation and unit testing Implemented the client side validations using JavaScript Implemented jQuery UI for the look and feel of the application Implemented AJAX using jQuery to make the applications faster and user friendly Redesigned the PTMS application by replacing Struts 1.2/OJB with the new Spring MVC Framework Extensively involved in design and implemented Spring MVC architecture with Hibernate as persistence layers Worked on hibernate mapping for tables with different relationships Created a security provider for all CIMS applications using Spring Security 3 to work with Siteminder/LDAP user directory and development environment Migrated a poorly performing STAMS application to use Spring MVC, Hibernate, JQuery and interns which made the application much faster and easier to maintain Worked with Web server technologies on Linux/Unix servers, such as Websphere and Tomcat. Co-ordinated with QA for testing, UAT and production releases Actively participated in writing the Stored Procedures required for the application Worked with Jasper reports to generate the final output documents Provided technical production support for the applications Environment: UML, Java, J2EE, JSP, Servlets, Struts1, Spring MVC, Spring, Hibernate, JNDI, JDBC, HTML, JavaScript, jQuery, PL/SQL, Stored Procedures, Eclipse 4, WebSphere Application Server, Tomcat, Oracle 10g Sr. J2EE Developer EPA - New Carrollton, MD October 2010 to November 2012 Verify is an U.S. Environmental Protection Agency's (EPA) new Vehicle and Engines Compliance Information System, which collects emissions and fuel economy compliance information for all types of vehicles (mobile

sources of air pollution) including light-duty vehicles and heavy-duty and nonroad engines. Engine and vehicle manufacturers reports this information to the verify system. Environment: UML, Java, J2EE, JSP, Servlets, Struts1, Struts2, Spring, Hibernate, JNDI, JDBC, XML, HTML, JavaScript, jQuery, PL/SQL, Stored Procedures, Oracle APEX, Drools, OGNL, Eclipse 3.4, JBOSS, Weblogic, OC4J, Oracle 10g Sr. J2EE Developer EPA - New Carrollton, MD September 2009 to September 2010

OTAQ is responsible for maintaining systems and processes associated with reporting fuels and fuel additives, and reformulated gasoline and anti-dumping registration. The submissions are conducted on a quarterly basis. The data collected from these programs are analyzed for regulatory compliance, health effects, and regulation development. Environment: UML, Java, J2EE, JSP, Servlets, Struts, Spring, Hibernate, Jboss Rules, JNDI, JDBC, XML, HTML, JavaScript, SQL, Eclipse 3.4, JBOSS, Weblogic, OC4J, Oracle 10g Sr. J2EE Developer EPA - New Carrollton, MD February 2009 to August 2009

The EV-ACE System facilitates EPA users' ability to grant and deny exemptions or exclusions to the Clean Air Act. Additionally, it also facilitates the transfer of certified vehicle information and exemption/exclusion information to the EPA Central Data Exchange (CDX) for processing and submission to the CBP. Environment: UML, Java, J2EE, JSP, Servlets, Struts1, Struts2, Spring, Hibernate, JNDI, JDBC, XML, HTML, JavaScript, jQuery, PL/SQL, Oracle APEX, Drools, OGNL, Eclipse 3.4, OC4J, Oracle 10g Sr. J2EE Developer EPA - New Carrollton, MD October 2008 to January 2009

RadNet is a national network of monitoring stations that regularly collect air, precipitation, drinking water and milk samples for analysis of radioactivity. The RadNet network, which has stations in each state, has been used to track environmental releases of radioactivity from nuclear weapons tests and nuclear accidents. Environment: Java, J2EE, JSP, Servlets, Struts, Spring, and Hibernate, JNDI, JDBC, XML, HTML, JavaScript, SQL, Eclipse 3.4, JBOSS, Weblogic, OC4J, Oracle 10g J2EE Developer Verizon - Rosslyn, VA February 2008 to October 2008

The Net Status Local Customer Care project was a struts based enterprise application where the users have the privilege to perform administrative tasks like assigning new tasks, monitoring the status of the assigned tasks, look up for employees working in a particular location, employees working under a manager, etc. Environment: UML, Java, J2EE, JSP, Servlets, Struts

2.0, EJB 3.0, JNDI, JDBC, XML, HTML, JavaScript, SQL, Eclipse 3.1, Weblogic J2EE Developer
Verizon - Rosslyn, VA August 2007 to February 2008 CVE validates 40 different forms that are
passed to it. It is a part of Verizon order management system. Environment: UML, Java, J2EE,
JSP, Servlets, Struts 2.0, EJB 3.0, JNDI, JDBC, XML, HTML, JavaScript, SQL, Eclipse 3.1,
Weblogic Education Master of Science in Information Systems in Information Systems George
Mason University - Fairfax, VA Skills Eclipse (10+ years), HTML (10+ years), J2EE (10+ years),
Java (10+ years), JavaScript (10+ years) Additional Information SKILLS Development
Technologies: C, C++, Core Java J2EE, EJB, JSP, Servlet, JMS, DOM, JNDI, Struts, Ant, UML,
JDBC, XML Schema, XML, Swing, Java Beans, Spring, Hibernate, Node.js Web/Application
Servers: WebLogic, Apache Tomcat, JBOSS, OC4J Web Presentation: JSP, Servlet, JavaScript,
HTML, DHTML, CSS, XML, XSLT, jQuery, AngularJS Operating Systems: Windows and Linux
Databases: Oracle, MySQL, MongoDB Tools: Eclipse, NetBeans, SQL Developer, putty

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