

Full stack Developer/UI Developer Full stack Developer/UI Developer Full stack Developer/UI Developer - US Department of Education, DC Bloomfield, CT Over 6 years of experience in software development as a JAVA/UI Application Developer. Involved in almost all the phases of Software Development Lifecycle (SDLC) and experienced to work as a team member as well as an individual performer under the large development groups. Good experience with databases, database concepts, normalizations etc. and proficient in using SQL and PLSQL. Excellent Experience in JavaScript Framework (Angular JS, Node.js, React.js,D3.js) Experienced with General Web Technology (HTML, CSS, JavaScript, Ajax) Experienced with testing frameworks Mockito and Jasmine Excellent Understanding of Distributed Version Control GIT. Good experience with Continuous Integration and continuous deployment pipeline using Jenkins, Sonarqube Strong experience in UI & client side validations using HTML 5, CSS3, Java script, JSP, Struts tag libraries, AJAX, JSON, XML, XSLT and java script frameworks like DOJO and JQuery. Experience in developing Web Applications with various Open Source frameworks Struts1.x/2.x Framework, Spring Framework 2.0/2.5/3.x (Spring MVC, IOC, AOP, and JDBC Templates), JSF, Angular JS and Hibernate 3.0 for persistence. Experience with major databases such as Oracle 9i/10g/11g, SQL Server 2000/05/08, MYSQL, DB2. Proficient in building Web User Interface (UI) using HTML/HTML5, DHTML, XHTML,XML, Angular JS, BackBone.js, Node.JS, CSS/CSS3, DOJO and JavaScript, AJAX, IDE & Tool Eclipse, Aptana Studio, CODA, Spring Tool Suite, Firebug Notepad++, XML and JSON, JQuery that follows W3C Web Standards and are browser compatible. Experienced in using Application Servers like Web logic 11g and Apache Tomcat7, JBOSS, Fuse. Excellent experience using Docker, AWS EC2 and AWS Elastic Beans StalkGood understanding of Object oriented analysis Design & UML notation and experience in using design tools like Relational Rose for creating class, use cases and sequence diagrams. Expertise in Unit testing using JUnit & Mockito, Integration testing & smoke testing etc. Work Experience Full stack Developer/UI Developer US Department of Education, DC May 2016 to Present Common Origination and Disbursement (COD) is a streamlined method for processing, storing, and reconciling Pell Grant and Direct Loan financial aid data. The COD System was

implemented in and has been processing records since April 2002 for Pell Grant and Direct Loan records. The COD System integrated the origination and disbursement processes for Pell Grants and Direct Loans that were previously performed by the Recipient Financial Management System (RFMS) and the Direct Loan Origination System (DLOS).

RESPONSIBILITIES: AGILE development process has been followed. Experienced with stand-up, Retrospective, Demo, Planning and Code review meetings. Used AJAX for request response processing without reloading the complete page. Developed AngularJS services for reusable functionality. Designed the architecture based on the popular J2EE Model 2 approach of Model-View-Controller design paradigm. Developed UI screens using Angular JS (Custom Directives, Validation and Promises) Developed Angular Controllers, Services, Filters and HTML templates using Angular Directives Developed Test Cases using EasyMock and used POSTMAN to test REST Calls Developed UI Routers using Angular JS Route Library Developed AngularJS components for reusable functionality. Developed HTML 5, CSS3 components to the UI Screen Implemented the Project structure based on Spring MVC pattern using spring boot. Developed custom templates, components, and widgets using AEM and integrated Components with AngularJS. Worked on UNIX shell scripting to run the JAR file created for batch program. Written JQuery Validations for the User Front-ends. Establishing JDBC connection using database connection pool. Design and Implemented XML/WSDL/SOAP/RESTFUL Web Services to provide the interface to the various clients running on both Java and Non Java applications. Documented how Spring Batch is useful for the current project. Developed SPA using ReactJS to utilize the HTML5 DOM features and update elements that are modified in the webpage. Developed and Designed Application using Spring Boot to Develop Microservices Implemented Coherence Cache which can be used with Spring Annotations. Web application development for backend system using Node.js, Rapid.js with cutting edge HTML5 and CSS3 techniques. Developed and consumed SOAP based web services using WSDL, SOAP, CXF, and JAX-WS. Involved in writing SQL queries & PL/SQL - Stored procedures, function, triggers, cursors, object types, Cursors, sequences, indexes etc. Experienced with AngularJS directives ng-app, ng-init, ng-model for

initialization of AngularJS application data, implemented AngularJS Expressions, Directives, Controllers, filters. Designed single page MVC using AngularJS libraries, UI routers, angular custom directives and filters by linking the database with AJAX. Designed and implemented server side RESTful web services using Node JS and Express.js and handled communications to the client side (ReactJS) using JSON. Tested Java Components using JUNIT and Mockito during the development. Tested JavaScript using Jasmine.js and Grunt during development. Used Angular JS framework to bind HTML (views) to JavaScript objects (models). Involved in installing and configuring Eclipse IDE, Ant, Web Logic and Maven for development. Environment: Java1.7/J2EE, Spring, SpringMVC, Spring AOP, Angular JS, NodeJS, Backbone JS, Bootstrap, Web Services, JDBC, React.JS, Sencha, Hibernate, JPA, HTML5, JavaScript, ExtJS, JQUERY, Oracle11g, MongoDB, JSON, Eclipse IDE, Java Beans, log4j, CVS, WebLogic, Rational Rose, JUnit, Maven. Java/UI Developer USPTO, VA November 2015 to April 2016 Patent End-to-End (PE2E) is a new way of processing patent applications with a single software platform to manage examination activities and integrate with existing systems. The PE2E vision is to improve quality of IT tools for applicants and examiners and provide Integrated user-oriented tools that help examiners act on applications. Text-based (XML) filing and examination to support analytics & automated processing. RESPONSIBILITIES: Involved in the development, testing and maintenance process of the application. Involved in preparing High & low level design docs with UML diagrams. Involved in the development of various use cases, sequence diagrams using UML. Understood current processes and actions from the legacy code. Built the reusable service components using AngularJS services with Object Oriented JavaScript, JQuery, HTML5, CSS3 based on the visual designs. Worked on JavaScript to validate input, manipulated HTML elements using JavaScript, developed external JavaScript codes that can be used in several different web pages. Implemented the validation, error handling, and caching framework with Oracle Coherence cache. Developed Web pages using JSP, HTML, CSS, Struts Taglibs and AJAX for the Credit Risk module. Create RFP (Request for Proposal) microservice to provide RESTful API utilizing Spring Boot with Spring MVC. Created POC for Spring Batch for running

batch jobs. Documenting MongoDB installation, operations, security, and environments. I have in-depth knowledge of Apache Tomcat and Oracle Glassfish Application server and how they work in given environment. Designed and Developed Microservices (By breaking down monolith WebServices) using Spring Boot. Involved in logging, exception handling and validations using Interceptors. Involved in creating internal & external services, Entity services and handlers. Performed Unit testing on ReactJS applications using Jasmine. Involved in writing SQL queries & PL SQL - Stored procedures, function, triggers, cursors, object types, sequences, indexes. Used SVN to track and maintain the different versions of the application and create different views in big EAR Projects. Involved in producing & consuming SOAP based web services. Involved in creating JUNIT test cases and ran the TEST SUITE using EMMA tool. Developed Ant scripts to build and deploy project onto the tomcat server. Worked on design and creation of JSPs that are responsible for presentation layer and used the struts/html/bean/logic Tag libraries in the JSPs. Developed user interface using JSP JQuery, and AJAX to speed the application. Used Java Message Service (JMS) API to create, send, receive, and read messages. Use IBM MQ Series to send information from mainframe to web and back to mainframe. Tested components using JUNIT & Mockito during development. Involved in deploying the application in UNIX and to connect to see logs for fixing UAT/Production defects. Environment: Java 1.7, Agile, J2EE, Spring, Struts, Hibernate, AngularJS, Jboss 6.3, Fuse, JSP, JNDI, XML, Web Services, React.js, SOAP, WSDL, JavaScript, HTML, CSS, JMS, JSTL, DB2 UDB, JUnit, ANT, Log4J.

Java web Developer BUREAU OF LABOUR STATISTICS-BLS,DC January 2014 to October 2015 A government agency that produces economic data that reflects the state of the U.S. economy. This data includes the Consumer Price Index, the unemployment rate and the Producer Price Index. This arm of the U.S. Department of Labor researches and publishes a range of data, from inflation and consumer spending to employment, productivity and wages, as well as other economic measures. These reports can have a significant effect on market sentiment.

RESPONSIBILITIES: Involved in the complete Software Development Life Cycle using Agile including design, development, implementation, verification and validation. Develop various Web Application using Angular.js

frameworks such as AngularUI Bootstrap, Iconic and Foundation, and Node.js UI Boot Interaction pages and Generated User interface Templates. Configured the routes between Node.js, Express.js and AngularJS to handle the server-client requests and render the accurate UI code. Developed Sequence, Use case Diagrams and Process Flow diagrams using Rational Rose. Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON. Experience in developing Java and J2EE applications using Rapid Application Development (RAD), Eclipse. MVC architecture is implemented by struts framework. Has worked in AngularJS for client side scripting and synchronizing applications. Implementation of Spring IOC container, Spring JDBC template, Spring Exception Strategy and AOP. Develop integration techniques using the Apache camel and apache active MQ technologies. Performed User Interface Design and coding using Java, Spring boot framework and web technologies. Involved in batch processing using Spring Batch framework to validate feed files and load data into corresponding tables. Involved in doing Unit testing using JUNIT and also Integration testing. Involved in writing SQL queries & PL/SQL - Stored procedures, function, triggers, cursors, object types, Cursors, sequences, indexes etc. Used JavaScript, JQuery and AngularJS for the client end data validations. Design and development of user Interfaces using JSP, HTML, CSS and AJAX. Developed custom tags, JSTL to support custom User Interfaces. Part of a team to work on implementing concepts in multi-threading, multitasking, synchronization, virtual memory and file management. Used spring and interacted with backend database using Hibernate framework. Designed and Developed presentation layer using JSP, Html and CSS using Angular JS, Common JS. Implemented business tier using Spring AOP and spring IOC. Involved in fixing the defects simultaneously when pushing individual modules to Production. Parsed the XML based responses using JAXB Parser and validated XML against the schema. Extensively participated in conversion from Sybase to oracle databases. Implemented and used Web Services with the help of WSDL and SOAP to get updates from the third parties. Implement GitHub and SVN as a Source Control tool for merging the code. Experience in Object Oriented analysis and design using MVC, JavaScript, UML, and Rational Rose. Used jQuery plugins for Drag-and-Drop, Widgets, Menus,

User Interface and Forms. Identified check style, PMD and Find bugs and fixed them.

Environment: Java 1.6, RAD, Web Sphere 8.1, Angular.js, Node.js, Spring Framework 3.2, Hibernate3.0, Servlets, JSP, Tag Libraries, Jboss GWT (Google Web Toolkit), HTML, JavaScript, CSS, XML, AJAX, JAXP, JAXB, XSLT, WSDL, SOAP, AXIS 2, DB2, Rally, IBM Clear Case, Agile, File Zilla, SFTP, JProfiler, JUnit, JMS, ANT, EMMA. Java web Developer Baron InfoTech Ltd April 2011 to September 2013 Responsibilities: Involved in Requirements analysis, design, and development and testing. Designed UI using HTML, DHTML, Java Script, CSS, JSP and Taglibs.

Involved in creating & consuming Custom tag libraries. Followed Agile methodology and Scrum framework. Development UI modules using JSP, JSF, Prime Faces, JQuery, JavaScript, Angular JS and CSS. Involved in implementing logging, exception handling and transaction management using spring AOP. Performed User Interface Design and coding using Java, Spring framework and web technologies. Created Sequence Diagrams, Class Diagrams as part of the application design using Microsoft Visio tool. Designed pages using Angular JS Forms, Validations, Modules, Events, Expressions, Directives, Controllers, filters and Http Request. Used JavaScript for client-side validations and Struts 2.0 &AJAX to create interactive front-end GUI. Designed UI pages using HTML, Java Script, CSS, AJAX, JQUERY, JSP, JSON and Tag libraries. Used Java script for client side validations. Developed SQL queries to store and retrieve data from database & used PL SQL. Used Struts frame work to maintain MVC and created action forms, action mappings, DAOs, application properties for Internationalization etc. Used Struts Validation frame work to do business validation from server side. Involved in developing business components using EJB Session Beans and persistence using EJB Entity beans. Documented how Spring Batch is useful for the current project. Used JMS for Asynchronous messaging. Involved in writing JDBC code for doing CRUD operations. Used Eclipse IDE to develop the application Developing customized reports and Unit Testing using JUnit. Involved in writing developer test cases & in preparation of scope & traceability matrix. Involved in running PMD defects & Find bugs. Environment: Core Java, J2EE, JSP, JBoss, Oracle 9i, Struts 1.1, Validation framework, Eclipse, EJB-Session Beans, Entity Beans, JMS, XML, HTML, DHTML, Java Script, CSS, AJAX, SVN, JAXP, JAXB, XSLT, Ant.

Education Bachelor's Skills AJAX (6 years), Ant (6 years), HTML (6 years), J2EE (6 years), Java (6 years) Links <http://Sagar.Ch> Additional Information TECHNICAL SKILLS: Core Java Concepts Collections, Generics, Multithreading, Serialization, Exception Handling, RMI, File I/O and Reflection J2EE JSP, Servlet, EJB-Session Beans, Entity Beans, JMS, JDBC, JNDI Framework/Libraries Struts, Spring, Hibernate Web/Application Servers Apache Tomcat , JBoss, WebSphere 7.0/8.1, Web logic 10.3 XML Technologies XML , DTD, XSD, XML, XSLT, SAX, DOM, JAXP, JAXB Web Development HTML, DHTML, JavaScript, CSS, AJAX, JSON, JQUERY, JSTL, DOJO, Angular JS IDEs Eclipse, My Eclipse, RAD, Net Beans Design Skills UML (JUDE, Rational Rose, Visio), Object Oriented Analysis and Design (OOAD), GOF Java &J2EE Design Patterns Web Services WSDL, SOAP, JAX-WS, CXF, AXIS, JAX-RS, UDDI, WS-Security, SOAP UI Database and Tools Oracle 9i/10g/11g, MySQL, DB2, TOAD, SQL Developer Operating Systems Windows 2000, Windows XP, Unix, Linux, Windows 7 Source Control SVN, CVS, IBM Clear case and Harvest Build & Deployment Maven, Ant , Jenkins, Mule ESB Testing JUnit, Mockito, SOAP UI, Firefox PlugIn Tools Bugzilla, QC, FileZilla, WINSCP3, Edit Plus, Rally, SOAP UI, Drools

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