**Sanjay Dornala**

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**PROFESSIONAL SUMMARY:**

* 6+ years of experience in developing, design, analysis, testing of various web based, SOA based and client/ server applications in multi-platform environments with **JAVA/J2EE technologies**.
* Highly Proficient in using **OOPS** for building n-tier architecture systems with hands on development expertise in front-end UI layer, application layer including middleware, core business frameworks and Back-end database layer integration.
* Experience in Front-End UI development skills using scripting languages like **HTML5, CSS, JavaScript, JQuery, JSON, AJAX, React JS, React Redux, Bootstrap, Tag Libraries, JSTL.**
* Strong experience in working on modern full stack JavaScript environment like **MEAN (Mongo, Express, Angular, Node) and MERN.**
* Expertise in implementation of Core concepts of **Java, J2EE Technologies: JSP, Servlets, JSF, JSTL, EJB, JMS, Struts, Spring, Swing, Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Swing, Serialization.**
* Experience in developing web applications on MVC (Model-View-Controller) based frameworks like **Spring IOC, Spring Security, Spring Boot, Spring Batch and Spring MVC.**
* Experience in utilizing **CI/CD pipelines** using **Jenkins** and **Kubernetes** to deploy micro services over the cloud continuously
* Experience in build and deploying the application using **Jenkins** and **IBM urban code** in various environments.
* Expert in Core Java with strong understanding of **Garbage Collector, SWING, Collections, Multithreading, Event handling, Exception handling and Generics.**
* Expertise in Back-end/server side java technologies such as Web services, Java persistence API (JPA), Java Messaging Service (JMS), Java Database Connectivity (JDBC), Java Naming and Directory Interface (JNDI)
* Expertise in open source framework Object Relational Mapping (ORM) tools like Hibernate and also used Hibernate Annotations to reduce time at the configuration level.
* Expertise in databases such as **Oracle, SQL Server, NoSQL, Mongo DB and IBM DB2** databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers and packages
* Strong experience in different IDEs like **Eclipse, Spring Tool Suite and IntelliJ IDEA** and worked on various application and web servers like **JBoss, BES Web Logic, IBM Web Sphere, Glassfish, Camel and Apache Tomcat.**
* Proficient in working with open source tools such as **Selenium IDE, Selenium RC, Selenium WebDriver, Selenium Grid, TestNG, SoapUI, Cucumber, JUnit and JIRA.**
* Good knowledge on building applications using **ANT and Maven.**
* Experience in using code repository tools Tortoise SVN, GitHub.
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.

**Technical Skills**

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| **Programming Languages** | C, C++, Java (JDK 6, JDK 7, JDK 8), JavaScript |
| **Enterprise Java Technologies** | JSP, Servlet, JNDI, JDBC, Log4J API, Java security |
| **Mark**-**up/Web Technologies** | JQuery, Angular JS, React JS, Node.js AJAX, HTML5, Bootstrap, XHTML, DHTML, CSS, XML, JSON |
| **Tools & Framework** | Spring BOOT, Spring Security, Spring DATA, Struts, Hibernate, JPA, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Batch, JSF, Log4J, JUnit, Jasper reports, soap UI. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RS, JAX-WS. |
| **Web/App Servers** | Web Sphere, Web Logic, Apache Tomcat, JBoss |
| **Database** | Oracle 11g/10g/9i, SQL-Server, MySQL, MongoDB |
| **Development Tools** | Eclipse, My Eclipse, RAD, Spring Tool Suite STS, Net Beans |
| **Version Control** | GIT, CVS, SVN, Rational Clear Case |
| **Testing Tools/ Others** | JUnit, SoapUI, Mockito. |

**PROFESSIONAL EXPERIENCE**

Client**: State Farm Oct ‘18 – Till Date**

Location**: Bloomington, Illinois**

Role**: Java Developer**

**Project Description:** Involved in providing services within the SFA area. Worked on researching and developing several proofs of concepts and creating exemplar apps so that those services are used as a reference within the administration. The major work performed on Event-driven architecture where the software architecture paradigm promoting the production, detection, consumption of, and reaction to events. An event can be defined as "a significant change in state". Events do not travel, they just occur. During this assignment I was able to work on Apache Kafka, Jenkins, Rest Services, Junit, zookeeper, KSQL, Kafka Streams, Caas, Kubernetes, Jenkins, IBM Urban Code and git CI/CD for continuous delivery.

**Responsibilities:**

* Involved in all stages of Software Development Life Cycle (SDLC) of the project in SAFe Agile methodology.
* Developed and maintained NodeJS application uses ReactJS, attained TDD for the react application using JEST and Enzyme.
* Worked with Node.js framework to build secure REST API’s for course inventory system
* Created reusable React Components for plugging in the common functionality across the application. Used state and props and extensively to render the state and share the data between components.
* Used Java 8 streams, lambda expressions, and functional interfaces to write the business logic.
* Configured Spring Container to implement IOC/DI of the Spring Beans and to manage the beans life cycle.
* Established micro service architecture using spring boot 2 to break down monolithic architecture.
* Used Spring Rest to implement Restful Web Services and used XML and JSON format as the payload medium. Secured REST APIs with LDAP authentication and setting up non-human accounts for the application.
* Consumed RESTful Web Services using Spring Rest Template by configuring proxy and port to consume successfully.
* Worked with Jenkins for CI/CD pipelines and to build the projects.
* Deployed applications continuously using Continuous Integration environments like Jenkins and GitLab runner to integrate and deploy code on pivotal cloud foundry in different environments for development, SIT and UAT.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup using spring-cloud-stream.
* Implemented to reprocess the failure messages in Kafka using offset id.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Involved in loading data from rest endpoints to Kafka Producers and transferring the data to Kafka Brokers.
* Configured Configmaps which is used by Kubernetes Environment files for the following Namespace (DEV, QA, STG, PROD).
* Implemented an API to create an EC2 instances on AWS using auto scaling.
* Used Kinesis to process the streaming Data and AWS Lambda’s to run serverless Applications and integrated DynamoDB with AWS Lambda to provide Triggers.
* Worked with Amazon Web Service S3 and Java to export the files for Handshake.
* Worked with containerization tools like Docker and Kubernetes.
* Performed in setting up the Caas environment to do the necessary functions of our application.
* Performed in creating Kafka Topics, KSQL Streams/Tables, Kafka connect source and Sink configuration.
* Used Caas containers to check for the logs and executing KSQL, restarting pods.
* Implemented Junit for developing applications using Test Driven Development (TDD).
* Maintain system functionality through rigorous testing, identifying ways to improve efficiency and productivity.

**Environment:** Java, java 8, Groovy, Javascript, NodeJS, ReactJS, JEST, Enzyme, Pivotal Cloud Foundry, JUnit, Mockito, TDD, RESTful Web Services, Spring Boot, Spring Cloud Stream, Spring REST, Spring MVC, Jenkins, Git CI/CD, Spring framework, AWS, S3, Kinesis, DynamoDB, Kafka, KSQL, Docker, Caas, Kubernetes, GitLab.

Client**: USAA Mar ‘18 – Sep ‘18**

Location**: Plano, Texas**

Role**: Java Developer**

**Project Description:** Real Estate- Mortgage Digital Experience (MDX) is a way for Members and Loan Officers to create and modify loans in Cadence through a new web interface. It lets user get pre-qualified, submit their application and check the status of their loans all in one place. The backbone of Mortgage Digital Experience, workflow is a REST API for interacting with loans in Cadence. It’s a platform for building applications that work with Member’s mortgages.

**Responsibilities:**

* Involved in all stages of Software Development Life Cycle (SDLC) of the project in Agile methodology.
* Implemented the frontend with React, Redux, Bootstrap, JavaScript, jQuery for dynamic web interface.
* Designed various sreens in the front end using React JS and predefined components from NPM and Redux Libraries.
* Used React framework to build the website.
* Experience in DOM, React Props, Lifecycle methods and working with React States and Events.
* Developed the Required components using the React js with the workflow of Redux to simplify the application.
* Used React router to turn the application into Single Page Application.
* Developed and consumed RESTful web services to retrieve Associated parties loan data based on the member Id.
* Used Middleware, Redux Promise in application to retrieve data from Backend and to also perform RESTFUL services.
* Good experience with Props and states in react to manage data.
* Performed functional and unit test using Cucumber Mocha and Chai.
* Tested cross-browser functionality and fixed major layout bug fixes for supported browsers.
* Developed BDD tests using the Cucumber by writing behavior and step definitions and developed required Selenium support code in Java.
* Participated Daily meeting, sprint grooming/review and demo with management and other teams.
* Well versed and familiar with USAA tools, methodologies, technology stack and standards.
* Used Rational Team Concert (RTC) tool for Issue/bug tracking, monitoring of work assignment in the system.
* Used Git version controls to track and maintain the different version of the project.

**Environment:** HTML, CSS, Java Script, JQuery, React Redux, Node JS, JUnit, Web Services, REST Client, Cucumber, Mocha, Chai, Cadence, GitLab, IBM RTC.

Client**: ACT Oct ‘17 – Jan ‘18**

Location**: Iowa City, Iowa**

Role**: Java Developer**

**Project Description:** The Online Test Accessibility and Accommodations Systems (TAA) is used for the ACT test accommodations and English Learner (EL) supports management. ACT is committed to serving examinees with documented disabilities by providing reasonable accommodations appropriate to the examinee's diagnosis and needs to assist students who currently receive accommodations in school due to a professionally diagnosed and documented disability and it helps in assist students who currently receive supports in school due to limited English proficiency. In this project we redeveloped the entire TAA using the existing application.

**Responsibilities:**

* Involved in all stages of Software Development Life Cycle (SDLC) of the project in Agile methodology.
* Involved in the development of user interface applications and professional web applications using HTML5, CSS3, JavaScript, JQuery, Angular JS, Node JS and Bootstrap.
* Developed multiple POCs to create an interface between Backend and Frontend by complete client-side frameworks using MongoDB, Express JS, Angular and Node.js.
* Involved Storing and retrieving data from Column Oriented Data Base MongoDB.
* Broke down the JS codebase into discrete NPM packages for code reusability and best practices.
* Developed Angular JS custom directives, working on attribute level, element level, class level directives.
* Implemented functionality like searching, filtering, sorting, validating using Angular JS and Java Script.
* Implemented Bean classes and configured in spring configuration file for Dependency Injection, Developed Controller Classes using Spring MVC, Spring AOP, Spring Boot.
* Designed and Developed End to End customer self service module using annotation based Spring MVC and Hibernate.
* Developed and consumed RESTful web services to retrieve configuration JSON documents related to customer.
* Experience in writing complex PL/SQL queries using joins, Stored Procedures, Functions, Triggers, Cursors and indexes in Oracle DB.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Participated Daily meeting, sprint grooming/review and demo with management and other teams.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
* Developed Bitbucket controls to track and maintain the different version of the project.

**Environment:** Java, J2EE, spring, Hibernate, MVC, Web Services, HTML, CSS, Java Script, JQuery, Angular JS, Node JS, JUnit, JMS, Oracle,REST Client, JIRA, Bitbucket.

Client**: IBM/ATT Jul ‘16 – Sep ‘17**

Location**: Middletown, New Jersey**

Role**: Sr. Java/J2EE Full Stack Developer (SDET)**

**Project Description:** Shared Design Platform basically provides UI for many existing legacy systems & performs Facility Planning & Provisioning functions. SDP basically consists of Facility Design and Service Path. Facility Design (FD) is a facility provisioning system which will assemble and assign intertoll, international triggered by manual input from a user interface, or automatic input from SIDNI, INSP, or E-PROV.

**Responsibilities:**

* Developed web application using J2EE, jQuery, AngularJS, VanillaJS, NodeJS, Spring Framework, Spring MVC, Spring Data Repositories, JPA, Hibernate, JNDI, Oracle 11g, HTML5, Bootstrap, JSP, CSS
* Implemented Business logic using J2EE with JDK 1.8 syntax and much experienced in Functional Interfaces and lambda expressions.
* Inserted Dependency Injection between components using Spring's (IOC) concept using stereotype annotations. Also attained MVC (Model-View-Controller) pattern using Spring MVC.
* Involved in creating the Spring beans with container less approach by using Spring Boot and configured YML for routing and loading the view.
* Developed reusable and interoperable Web service modules based on SOA architecture using RESTful.
* Worked on Spring Security for authenticating the user.
* Working with ECMA Script 6 features. For build of JSX and ES2015(ES6) used Babel, webpack.
* Involved in Construction of UI using HTML5, jQuery, Node JS, AngularJS, Bootstrap and JavaScript.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of node js applications.
* Used AJAX API for intensive user operations and client-side validations.
* Used multiple jQuery plugins like select2 which offers client to perform two way searches. Also used bootpag for performing pagination on the UI screen. Data Tables for sorting tables dynamically.
* Developed user interface using JSP, JSP Tag libraries, DustJS framework and Java Script to simplify the complexities of the application.
* Implemented Restful web services using Spring Rest and handled exceptions using Spring Controller Advices.
* Extensive use of Spring data JPA repositories for most common use cases for CRUD operations.
* Worked on Selenium Grid for automation script in Java for cross platform testing.
* Involved in preparing test cases using Selenium Web driver to validate all UI components, Popups, Browser navigations, Mouse Movements.
* Designed and Developed Module based persistence layer under the guidance of DAO design pattern, ORM/JPA principles, using Hibernate.
* Configured and customized logs using Log4J for application logging and notification tracing mechanisms.
* Used JIRA extensively to log all issues and track development status.
* Used Splunk for viewing the logs in various environments.
* Worked in Test Driven Development (TDD) to achieve full code coverage using Junit and Mockito.
* Used Tortoise SVN Version Controller to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment:** Java, JDK 1.8, Angular JS, jQuery, AJAX, Node JS, JSP, CSS, HTML5, Bootstrap, Spring Framework, Spring Boot, Hibernate, Servlets, XML, Selenium WebDriver, RESTful Web Services, SQL, JUNIT, Mockito, JIRA, MAVEN, UML, Spring Tool Suite(STS),Tortoise SVN*.*

Client: **Southwest Airlines Dec ‘15 – Jul ‘16**

Location: **Dallas, Texas**

Role: **Java Developer**

**Project Description:** Refund Processing System is an in-house developed application which facilitates the Finance team to process the claims requested by customers. This Project consists of three major modules Refund Processing Services, Refund Processing Web client and Refund Processing Batch. Web client access restricts to the users based on their roles. The Client and Batch will make calls to Refund Processing Services to accomplish different functionalities.

**Responsibilities:**

* Worked on High level and low level system design, planning, estimation and implementation.
* Implemented the front end using HTML 5, XHTML, DHTML, XML, CSS3, JavaScript and Angular JS.
* Used JQuery, AJAX to interact with Spring Controllers and loading the response as JSON.
* Build responsive application using AngularJS & Node JS.
* Experienced with AWS services to smoothly manage application in the cloud and creating or modifying the instances.
* Worked on Spring Framework for Dependency and Transaction Management.
* Implemented Multithreading, Concurrency, Exception Handling and Collections whenever necessary.
* Designed and implemented MongoDB based database and created REST enabled Web Services on Jersey framework.
* Used Test driven development (TDD) approach for application development.
* Involved in writing JSP. Used JSTL Tag library to create standard dynamic webpages.
* Designed and developed Application based on Spring framework using MVC design patterns.
* Good knowledge on the Spring modules like Spring IOC, Spring MVC, Spring Web flow, Spring AOP, Spring DAO and Spring Security.
* Created RFP (Request for Proposal) micro services to provide RESTful API utilizing Spring Boot with Spring MVC.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved.
* Designed and developed RESTful Services to retrieving configuration JSON documents related to customer
* Implemented Persistence layer using Hibernate to interact with the Oracle database, Used Hibernate Framework for object relational mapping and persistence.
* Involved in development of Spring DAO layer which invoked database queries.
* Used Active MQ to communicate with controller and used service layer to implement the business logic.
* Migrate Data from databases such as MongoDB, SQL and Dynamo dB to Amazon Redshift.
* Used Hibernate ORM tools which automate the mapping between IBM DB2 SQL databases and objects in Java.
* Configured development environment using Web Sphere application server for developer’s integration testing.
* Implemented Continuous Integration(CI) using Jenkins and continuous deployment.
* Worked on installation of Docker using Docker toolbox.
* Deployed and tested the application in UNIX on Web Logic Application Server.
* Created Maven build file to build the application .
* Used Log4j for debugging, testing and maintaining the system state.
* Maintained project documents and resources using Subversion.

**Environment:** Java, Servlets, JSP, Spring, Hibernate, XML,XSLT, CSS, jQuery, AJAX, HTML5, Rational Clear Case, Microsoft Visio, Web Sphere Application Server, Java Script, REST Web Services, Jersey, Apache CXF, Oracle, CRUD, SQL, JUNIT, MAVEN, UML, Eclipse.

Client: **Deloitte iLab Aug ‘15 – Nov ‘15**

Location: **Atlanta, Georgia**

Role: **Java/J2EE Developer**

**Project Description:** The Deloitte Consulting Innovation iLab is the leading-edge product development facility for Deloitte Consulting; In this project we had focused on creating cloud-based software and advanced analytics product. The portfolio spans multiple software technologies including machine learning and advanced analytics, social/mobile, and other leading technologies. Worked on developing CRM's for clients in America. These CRM's were full-fledged software to help cater to the client's needs of storing customer's information and viewing data when customer requests for it.

**Responsibilities:**

* Developed use cases from business requirements documents and functional specification and design specification.
* Involved in writing JSF Backing Beans for controlling the UI and writing custom components and validations.
* Implemented JSF Converters to handle formatting and Localization and configured the faces-config.xml to create a web application navigation rules.
* Developed web components using Spring MVC.
* Designed and integrated the full scale Hibernate / Spring / EJB persistence solution with the application architectures.
* Implemented object/relational persistence (Hibernate) for the domain model.
* Evaluated system performance and validated NoSQL solutions.
* Improved Database performance using hibernate caching.
* Implemented DAO's to handle database operations.
* Used various G0F and J2EE design patterns like Command, Factory, Singleton, Value Objects, Data Access Objects and Data Transfer Objects, Business Delegate and Session Facade.
* Wrote PL/SQL stored procedures for providing feeds to other applications.
* Design and Implemented XML/WSDL/SOAP Web Services to provide the interface to the various clients running on both Java and Non Java applications.
* Worked with XSLT files for transforming XML files to desired formats.
* Developed application using JMS.
* Written test cases using Junit and Hamcrest matchers.
* Used Ant to create application builds.
* Deployed application in Weblogic.
* Used CVS for Version Control.

**Environment:** Java 1.6, J2EE, Spring 3, Struts 2, JSP, JavaScript, AJAX, JQuery, JSON, CSS, HTML, Web Logic 10.3, Eclipse, Oracle 10g, Log4J, SVN, Linux

Client: **Winlok Technologies Jul ‘12 – Nov ‘13**

Location: **Bangalore, India**

Role: **Jr Software Engineer**

**Responsibilities:**

* Developed front-end via HTML/HTML5/CSS/JavaScript/JQuery
* Diagnosed problem in application through firebug and application testing
* Evaluated current UI and identify areas for improvement
* Identified missing information in the database and middleware that are needed while building the front-end
* Ensured correct binding from UI to the controller
* Designing the database and coding of SQL, PL/SQL, Triggers and Views using IBM DB2.
* Design patterns of Delegates, Data Transfer Objects and Data Access Objects.
* Developed Message Driven Beans for asynchronous processing of alerts.
* Used ClearCase for source code control and JUnit for unit testing.
* Involved in peer code reviews and performed integration testing of the modules.

**Environment:** HTML, CSS, JavaScript, JQuery, SQL.