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ORACLE®
Certified Professional
Java SE 7 Programmer

Summary:

- Over **8+** years of IT experience in Analysis, Design, Development, implementation and execution of test cases of software application using **Java/J2EE** technologies.
- Experienced in Java Application Development, Object Oriented Concepts, **Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Programming (OOP)** and its implementation.
- Experienced with developing rich user interface applications using **HTML5, CSS3 and JavaScript, JQuery, Angular 4.0,2.0,JS, Node JS, React JS, Backbone JS, Twitter Bootstrap, JQuery Mobile, XML, JSON** that follows **W3C** Web Standards and are browser compatible
- Experience working with various **SDLC** methodologies like **Agile Scrum, RUP** and **Waterfall Model**.
- Experienced in developing front end applications using **HTML, HTML5, XML, XHTML, DHTML, CSS, CSS3, Bootstrap, SAAS, LESS, JavaScript, DOM, jQuery, Ajax, JSON,** and **JSP.**
- Expertise in implementing the persistence logic using **JDBC, JPA, Spring JDBC, Hibernate, iBATIS.**
- Good Understanding of Document Object Model **(DOM)** and **DOM** Functions.
- Design and implement a Web based content management utilizing **XML, JAXB, DOM, XSLT, XPath** and **JavaScript** for data generation and presentation with **JSF**.
- Strong Experience in **JavaScript MVC** design pattern such as **Angular JS, Backbone JS** and **Ember JS.**
- Experience in server side scripting with **Node JS, Express JS**.
- Good Knowledge in JavaScript library used for building reusable **UI** components like **React JS.**
- Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **React.js.**
- Strong experience in working on JavaScript environment like **MEAN (Mongo, Express, Angular, Node)**
- Strong knowledge on OOPs concepts, **Core Java, Multithreading, Exception handling**, and Collection Framework.
- Strong programming skills towards developing and implementing complete n-tier web based application systems using **Java/J2EE** technologies- **JDBC, JSP, Servlets, Enterprise Java Beans, Struts, JSF, Spring, SOA** implementation, **JAX-RS, JAX-WS, JNDI, XML, JAXB, JSON, WSDL.**
- Have considerable knowledge in developing **UNIX shell scripts** and **pearl scripts**.
- Strong knowledge in implementing **IOC** and Dependency Injection features in various aspects of **Spring Framework.**
- Good knowledge on the Spring Modules like **Spring IOC, Spring MVC, Spring DAO, Spring Batch, Spring Web Flow, Spring Security** and **Spring Boot.**
- Having Handful experience in using **OAuth 2** for **Microservices** security.
- Having knowledge on **(JMS) MQ's** like **Apache Kafka, Rabbit MQ, IBM MQ** and **Active MQ.**
- Experience with Web/Application servers **(Tomcat, Web Logic and JBOSS)**
- Good knowledge in using Restful framework like **JAX-RS Framework, SOAP Web services** using **JAX-WS, Apache CXF, Jersey**.
- Good knowledge in using **Amazon Web Services (Amazon EC2, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS,** and **AWS Identity), Pivotal Cloud** and **IBM Web Sphere.**
- Defined **AWS** Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more **AWS EC2** instances.
- Knowledge on various **Docker** components like **Docker** Engine, **Hub, Machine**, Compose and **Dockers Registry**.
- Extensively worked on beginner patches for **Docker Engine.**
- Experience in using **Drools** rules engine for defining business rules and Validations.
- Experience in using different version controlling/tracking systems **GIT, CVS, Subversion,** and **Rational Clear Case.**
- Experienced in working with multiple databases like **Oracle 10/11g, SQL Server, NoSQL (Mongo DB, Cassandra), PostgreSQL, MySQL and DB2.**
- Experience using **JIRA** and **Bugzilla5.0.x /4.4.x** as issue and bug tracking tools.
- Experienced with **J-Unit Framework4.x, Jasmine** and **Mockito** for developing test cases using Test driven development **(TDD)** approach and **log4j** for logging.
- Expertise in using **NoSQL** databases like **Mongo DB, Apache Cassandra 2.0.12** as a distributed database management system and writing queries to it using **CQL 3.0**.
- Experienced in performing unit testing using **JUnit, Mockito** integration and deployment of applications using tools such as **ANT, Jenkins** and **Maven** & debugging through **log4j.**
- Experience in Backing up databases using **Mongo DB** backup facility in **OPS** manager
- Experience in using **Ant1.x** and **Maven3.x** for build automation.

- In-depth knowledge of **PL/SQL** with the experience in constructing the triggers, tables, functions, user defined data type, procedures etc
- Good knowledge in **JavaScript** Task Runner like **Gulp, Grunt** for magnification, compilation, unit testing.
- Strong knowledge on JavaScript Unit testing with **Jasmine, Karma, Protractor, Mocha** and **Chai**
- Excellent verbal, written communication and presentation skills, problem solving and conflict resolution skills.

Technical Skills:

Languages /Web Services	Core Java, Java, J2EE, C, C++, SQL, PL/SQL, Python
RDBMS / Tools	Oracle 9i (SQL), SQL, PL/SQL with TOAD 8.5
IDE/Editors	IBM RAD, Eclipse
Web Technologies / Scripting Languages	Servlets, JSP, HTML, DHTML, CSS, Angular JS, Node JS, JQuery, Mobile, JQuery, JavaScript, Backbone JS, AJAX, React JS, Microservices, DWR (Direct Web Remoting)
XML Technologies	XML, DTD, XSD, SAX, JAXB, 2.0
Design Tools	UML-Rational Rose 7.5, MS VISIO & Argo UML
Databases	Oracle 9i and 11g, IBM DB2 v8, My SQL
Application/Web Server	Tomcat , WebSphere, Web logic , JBOSS and Pramati 3.0
Java Based Build Tool	Ant 1.7.0, Maven 2.2.1, Jenkins, Build Forge / Splunk
Big Data/ NoSQL Database:	Hadoop, Map Reduce, Mule ESB**,** HDFS, Zookeeper, Hive, Pig, Sqoop, Flume, Oozie, HBase, Mongo DB, Cassandra
Web Services	SOAP Web Services (JAX-WS), REST Based (JAX-RS API) Apache CXF, JDBC, JMS, SPRING, Hibernate, XML
Testing Frameworks	JUNIT, Corburtura Code Coverage, Mockito & Power Mock, mocking extensions to JUnit
Cloud Computing	AWS (Amazon Web Services), AWS (Amazon Web Services), working with EC2, RDS, Dynamo DB, S3, and Cloud Formation Templates.
Version Control Tools	SVN Subversion 1.4, Clear Case 7.0.1, T.F.S. (Team Foundation Server), VSS
Bug Tracking Tool	JIRA portal, Quality Center 11, Bugzilla
Frame Works	Struts 2.1, Hibernate 3.x, Spring 3.0
Queuing Tools/ job control system	Web Sphere MQ Series 7.0, Autosys
Operating System	Windows, Unix, UNIX Shell Scripting

WORK EXPERIENCE:

Sr Java Fullstack Developer   **June 2016 to Present**
PG & E Corporation-Dinuba, CA

Roles & Responsibilities:
- Involved in the complete **SDLC** (software development life cycle) of the application from requirement analysis to testing.
- Involved in Analysis, design and coding on **Java** and **J2EE** Environment.
- Implemented **Spring** Framework for the project.
- Build and Release Management Built application logic using **Python 2.7**
- Responsible for Creating custom, general use modules and components which extend the elements and modules of **core Angular 4, Polymer JS**.
- Created and maintain web pages using **HTML5, CSS3, JavaScript, JQUERY, Java, J2EE** and also responsible for Designing of Web pages including **Ajax** controls and **XML.**
- Created and managed **microservices**. **Microservices** were being used as a strategy to gradually replace a core monolithic application while still adding business features
- Applied advanced **HTML5, JavaScript**, and **CSS3** to deliver cutting-edge user interfaces using material design components in **Polymer JS.**
- All the functionality is implemented using **Spring IO / Spring Boot, Microservices and Hibernate ORM**.
- Created and injected **Spring Services**, **Spring controllers** and **DAOs** to achieve dependency injection and to wire objects of business classes.
- Followed **agile** methodology for developing the application.
- Created continuous integration builds using **Jenkins** and deployed on app server.

- Extensively used spring framework and **Apache CXF** for producing **SOAP** and **REST web services** as a part of the project development
- **Spring MVC** Framework **IOC** (Inversion of Control) design pattern is used to have relationships between application components.
- Application is Open Source on **GitHub** and developed using **Eclipse, GWT** and **GAE** for cloud based backend data.
- Programmed the Event handling for **DOJO** Widgets to accept user inputs and validate it.
- Responsible for validating user actions on the client side and provided responsive feedback using **Polymer JS, Angular 4**, and predix components.
- Implementing **Webservices** using **JSON.**
- Developed various generic **JavaScript** functions used for validations.
- Designed and developed **UI** capabilities and **J2EE** server based services.
- Using **GIT** for Source Control and Version Management.
- Focused on Test Driven Development **(TDD)** thereby creating detailed **JUnit tests** for every single piece of functionality before actually writing the functionality.
- Used **JavaScript** testing frameworks, **Jasmine, Karma.**
- Communicated updates in daily scrum meetings using Rally software.
- Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Extensively used **Ajax** calls to send parameters and fetch data based on the user-triggered events.
- Manipulated data to both send and fetch data from the server through **GET, DELETE** and **POST** requests.
- Regularly worked with the **MEAN** stacks and used **GIT** daily on a **Mac OS.**
- Used **SOCOCO** for the daily standups, power programming, and team communication.
- Handled response data from **Restful WebServices** using **XML, JSON** and **JQuery** to update **UI** Interacted with java controllers **(JQuery, Ajax**, and **JSON** to write/read data from back end systems).
- Involved in writing test plans, **Test Cases** and **Test Scripts** using **selenium**
- Designed and developed Test Scenario/Test Cases/Test steps for various Business Services/methods covering both positive and negative testing.
- Used **SOAPUI** for testing **Web Services**, inspection of **WSDL** files, generation of **SOA** envelopes, and acceleration of many other common **XML** tasks encountered during development of Web-Service enabled applications.
- Configured **Selenium WebDriver, TestNG, and Maven** created **Selenium automation scripts** in java using **JUnit.**

Environment: Java jdk, JEE, Java 8, JSP, Python, WebLogic Application Server 11g/10.3, IBM RAD, HTML5, CSS3, Angular 4, polymer JS, AJAX, JSON, Node JS, React JS, Microservices, Multithreading, Servlets, JMS, JVM, XML, Restful WebServices, JQuery UI, Maven, Selenium, Apache CXF, Spring MVC, JavaScript, GIT, SOAP, Mongo DB, J2EE, AWS, JSP, Oracle 11g, Eclipse 3.5, JUnit 4.4, Agile methodology, AWS, Git, JSP, Apache Tomcat, Jasmine, Karma.

JAVA FULL STACK DEVELOPER   **August 2014 to May 2016**
Cerner corporation-Kansas city, MO

Roles & Responsibilities:
- Involved in Requirements and Analysis Understanding the requirements of the client and the flow of the application as well as the application Framework.
- Developed Front End pages of the application using **HTML5, CSS3 (using LESS), Angular 2.0.**
- Used **Less.js pre-processor** to create importable and reusable style sheets, processed on server-side.
- Created controllers and view pages along with Bootstrap and **HTML5** for dynamic web application.
- Designed and developed the original prototype for a highly-complex, interactive, graphical, web user-interface using standards-compliant **JavaScript (ECMA SCRIPT 6)**
- Used **AWS** SDK for connection to **Amazon S3** buckets as it is used as the object storage service to store and retrieve the media files related to the application
- Document Object Model **(DOM)** manipulation performed using **JavaScript** and **Angular Js.**
- Involved in developing the **Angular JS MVC** framework for the Single Page Application development.
- Web application development for backend system using **Angular 2.0** with cutting edge **HTML5** and **CSS3** techniques.
- Used features in **Angular 2.0** such as data binding, ng-route for routing, custom filters, and custom directives to meet business requirements.
- Used Bootstrap components of **Angular-UI** like carousel, collapse, dropdown, and tabs to develop dynamic responsive Web Application.
- Used spring boot properties like actuators and health checkers to enhance micro service implementations.

- Deployed Spring Boot based **microservices Dockers** container using **Amazon EC2** container services and using **AWS** admin console.
- Developed **Restful service** interface using **Spring Boot** to the underlying Agent Services API and Implemented Restful web services.
- Used **JSON** response modulation in rest services using **JAX-RS** to make it more generic for our team to consume the services.
- Designing and developed **Microservices** using **(MEAN Stack) Node.js, Mongo DB, Angular JS Elastic search** on Private Cloud Open Stack Platform using **Express.js.**
- Build prototype for various required services such as Scheduling, Logging and Notification Service using third party **Node JS** based JavaScript **library.**
- Used **Express JS** which is fast, assertive, essential and moderate web framework of **Node JS** that helps manage a server and routes.
- Used Ajax Express for automatically **AJAX** requests handling **middleware** for Express framework.
- Configuration file and **Node JS** is used at back end to interact with **Mongo DB** using **Mongoose connector**.
- Used **Socket.IO** for the **Node server** to auto-reconnection and disconnection support.
- Implemented **MySQL Database** as the storage system for the **Restful Webservices**.
- Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
- **Hibernate Query Language (HQL)** was used to perform various queries in the database.
- Used **Hibernate Core Interfaces** configuration, transactional, session and criteria.
- Developed data models using Hibernate **POJO's** and configuring Hibernate persistence layer.
- Worked with **NoSQL** database **Mongo DB** and developed custom **Mongo DB** applications specific to client needs.
- Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Used **Jenkins** for continuous deployment and integration of the build and release process
- Dealt with **Gulp** to perform magnification, compilation and Bower to maintain package dependencies.
- Performs **UNIT** testing with **JASMINE and KARMA**, and develops web services using **RESTful API.**
- Worked on creation of custom **Docker** container images, tagging and pushing the images.
- Involved in running **Selenium automation scripts** and updating the **scripts** according to enhanced requirements using Selenium **WebDriver.**
- Done unit testing using **JUnit.**
- Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services (AWS)**
- Configured **AWS EC2** instances, **S3** Buckets and Cloud Formation Services based on the business requirements for different applications.
- Involved in behavior driven development using **SCRUM framework** under **Agile Methodology**.
- Used **MAVEN** tool for building the project and managing the dependencies in it.
- Developed and maintained automated regression test cases in **Selenium** using Java programming language.
- Implemented **test automation** for web applications from front to backend using **Selenium.**
- Responsible for creating requests and building test scenarios for the web services project.
- Tested **WebServices /XML /SOAP** and **RestFul services** using **SoapUI 2.5**.

Environment: Java 1.7/J2EE, Spring MVC, HTML5, XML, CSS3, LESS, JSON, JavaScript, Angular 2.0, Oracle 11g, Tomcat 5x/6x, Bootstrap, Maven, Hibernate, MySQL, Multithreading, Eclipse, AWS SDK, RESTful, Backbone JS, DB2, Cassandra, AJAX, JSON, Node JS, Express JS, AWS, Microservices, Restful API, JAX-RS, React JS, Node Js, Gulp, NPM, AWS, Apache Kafka, GitHub, NoSQL, Mongo DB, Jasmine, karma, Selenium, Soap UI 2.5.

Sr. Java/J2EE Developer   **October 2012 to July 2014**
FedEx Corporation-Memphis, TN

Roles & Responsibilities:
- Implemented **SOA architecture** using Enterprise Service Bus **(ESB).**
- Configured business applications in **XML** bean definition files using SPRING.
- Worked on **Hibernate ORM**. Created **Hibernate XML** files and Java class files to map the object relation Mappings. Used Hibernate query language.
- Provided data persistence by object/relational mapping solution via **Hibernate** for application save, update, delete operations.
- Implement single sign on and **LDAP** for login authentication.
- Developed the application using **Spring MVC framework** and **IOC** for dependency injection
- Used **Hibernate ORM framework** with **spring framework** for data persistence and transaction management.
- Worked on presentation layers using **Angular JS, AJAX, Backbone JS, HTML, JSP, java script and XML**.

- Created **UI mock up** screens and developed screens with **JSP, CSS** and custom tag libraries
- Created custom components using **JQuery** and **JavaScript** which can be used by all the maintenance applications in **MSS**
- Used **REST** Controllers to replace the existing operations layer which acts as bridge between business layer and the **UI**.
- Developed **Web API** using **NodeJS** and hosted on multiple load balanced **API** instances.
- Developed a framework to consume **REST Webservices** using **Spring** Rest libraries
- Used **JUnit** framework to write test cases for **unit testing**, Used **Power mock** & **Mockito** libraries to create mock objects to verify the service logic
- Developed Copy Tool - a standalone application using **javaFx** to copy data from one environment to another environment.
- Used Spring core annotations for Dependency injection and **Spring MVC** for **REST API** s and Spring Boot for micro services.
- Used **Apache Camel** and **CXF** in the **JBoss Fuse ESB** as the integration platform for **SOA Services**.
- Used **Angular JS** for data-binding, and **Node JS** for **back-end** support with **APIs**.
- Worked on **JPA** for persisting the objects into the system.
- Involved in finding the Memory Leaks and adjusting the **JVM** Heap Sizes and **GC Parameters** using **JProfiler 5.1.**
- Worked on Axis implementation and used **SOAPUI** to test the **SOAP.**
- Worked on **XML, XSD** and **XSLT** to parse the request and create the new one based on the specification.
- Developed generic Java packages to produce and consume JMS messages through topics and queues in asynchronous message processing with guaranteed delivery.
- Used **IBM MQ Series** as the **JMS** provider.
- Utilized **Core J2EE** design patterns such as Singleton and **Data Access Object (DAO)** in the implementation of the services.
- Responsible for writing **SQL Queries** and Procedures using **DB2**.
- Involved in writing test plans, Test Cases and **Test Scripts** using quality center.
- Responsible for writing **JUnit** test cases and Peer level testing.
- Improved database performance by recognizing and rewriting slow queries.
- Build & Deployment in **Websphere Application Server**.
- Solid deployment experience on the **UNIX** platform.
- Created **UML** diagrams such as **Class** Diagrams and **Sequence** Diagrams using **IBM Rational Rose.**

Environment: Java1.7, J2EE, JavaFx, JSP, Servlets, Spring 1.2, WebSphere Application Server 7.0, Oracle 9x, SOA, JMS, JMX, IBM MQ Series 5.3, SOAPUI, Hibernate, XML, XSD, Spring, JUnit, Backbone JS, MS SQL Server 2008, JPA, JTA, JDBC 2.0, Maven, PL/SQL Developer,DB2, UNIX, Log4J, UML and Agile, Web Logic 9.0, Angular JS.

JAVA/J2EE DEVELOPER   **October 2010 to September 2012**
Bank of New York Mellon Jersey City, NJ

Responsibilities:
- Designed and developed **UML** Diagrams, Use cases, Class, Sequence and activity Diagrams.
- Worked in **Agile** methodology environment and participated in **Scrum** sessions in designing, developing, implementing and testing the distributed applications.
- Developed detailed design documents for all the functional modules of the application to be used by the testing team to setup test cases.
- Migration of **Web Sphere application server** to **Tomcat** application and used **Eclipse IDE** and deployed the application on **TOMCAT server**.
- Developed dynamic and interactive we based applications using **HTML, CSS** and **JavaScript** languages.
- Implemented Persistence layer using **Hibernate** to interact with the **MySQL database** and performed **CRUD** operations.
- Used web logic as the app server for deploying the applications and Used **JDBC** as the data access layer connecting to **Oracle DB.**
- Designed and Developed Web Services using technologies **UDDI, WSDL, SOAP** to communicate to the other modules.
- Used **Maven** automated build scripts to compile and package the application and implemented Log4j for the project.
- Configured the **XML** file for spring security injection to ensure the back-end security by discriminating the role of users as well as access authority for the **URIs** and server-side assets.
- Implemented **Spring MVC**, which includes writing Controller classes for handling requests, processing form submissions and performed validations using Commons validator.
- Involved in developing interface for web pages like user registration, login, and registered access control for users depending on logins using **HTML** and **JavaScript**.
- Integrated **Spring DAO** for data access using **Hibernate**, used **HQL** and **SQL** for querying databases.
- Involved in Group presentations, Poster presentations and involved in bugs fixing and used **Log4j** for writing int application and error logs.

- Used **JDBC API** to connect to the database and performed **create, Read, Update** and **Delete operations** to insert, retrieve drop and delete the data as per the requirement.
- Involved in project migration from Swing application to web integration using **Struts** web framework based on **MVC** architecture.
- Debugging for Stored Procedures in the application and using **SQL queries** to access **Oracle, DB2** and **SQL Server 2008 R2.**
- Written test cases using **JUnit** as a testing framework and responsible for preparing test scripts for system.
- Developed the code for asynchronous update to web page using JavaScript and Ajax.
- Created and consumed **SOAP** based Web services and used **SOAPUI** to send and receive **XML** data and Worked with **JMS** Queues for sending messages in point-to-point mode.

Environment: Java 1.6, C, C++, servlets, JSP, JMS, Struts, HTML5, CSS, JavaScript, Oracle 10g, JUnit 3.x, SOAP, XML, weblogic Server 9x/10x, SQL, Tomcat 6x, Hibernate, Angular JS, Node JS, Spring, GIT, DB2, SOAP, JUnit, PL/SQL, MS SQL Server2008, Structs, Spring, DA0, XML, Log4j, Websphere Application Server 7.0, SQL.

JAVA/J2EE DEVELOPER   **March 2009 to August 2010**
Prod apt Solutions, Chennai, Tamil Nadu

<u>**Responsibilities:**</u>
- Involved in creating Use cases, Class Diagrams and Interaction Diagrams.
- Designed the **UML diagrams** based on the **OOAD** principles.
- Developed **EJB's** and deployed them on **IBM WebSphere Application server**.
- Developed the Action classes, Action forms and Action Servlet for web tier.
- Developed the Business logic on the web tier using **EJB** Stateless Session beans.
- Developed business layer components using **enterprise java beans (EJB)**
- Developed the modules using **Servlets, Java2EE** and **JDBC** for connecting with **DB2 Database**
- Implemented **Multithreading** feature for processing the multiple requests to achieve high performance.
- Implemented **Web Services** to integrate between different applications using **REST services** using **JAX-WS.**
- Implemented **Singleton Design Pattern** for database connectivity.
- Implemented **c3po** connection properties for maintaining database connections.
- Hands-on writing **Stored Procedures, functions, triggers, DDL, DML SQL queries**.
- Created custom **PL/SQL** procedures to read data from flat files to dump to **DB2** database using **SQL loader**.
- Created tables, views, Types, triggers, complex join queries, stored procedures, and functions and modifications to existing database structure as required for addition of new features.
- Involved in Designing the Database Schema and writing the complex **SQL queries**.
- Accessed stored procedures and functions using JDBC Callable statements.
- Worked on **IBM** MQ to simplify integration and accelerate application deployment.
- Worked on web-based reporting system with **HTML, JavaScript** and **JSP**.
- Deployed the project in Linux environment.
- Used ANT build tool for compilation and generation of war file.

Environment: Java, J2EE, HTML, PL/SQL, Webservices, Multithreading, Hibernate, spring, JSPs, Eclipse, IBM WebSphere 6.1, AXIS, Java Script, Subversion, IBM DB2, Clarity, Maven, Rational Rose, Windows XP.