**Harika**

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Java Full Stack Developer

**PROFESSIONAL SUMMARY**

* **Java/JEE Full Stack Developer** having 7+ years of experience on Enterprise applications, Distributed Application Development, Client/Server Applications, testing and implementing application environment
* A self-driven, adaptable and quick learning professional with in-depth knowledge and understanding in Software Development Life Cycle **(SDLC)**, requirement gathering, design, Software development **OOA & OOD**
* Extensive experience of designing and developing software applications with **Java, J2EE, EJB, JSP, JSF, Servlets, Java Beans, Web Services, JDBC, XML, SOAP, REST**.
* Experience in User Experience (**UX**) design and development, User Interactive (**UI**) Web Pages and visually appealing User Interfaces using **HTML 5, CSS3, Bootstrap, JavaScript,JSON,jQuery, Angular 2/4, NodeJS** and **ReactJS**
* Proficient in **RDBMS** concepts like writing SQL Queries, Functions, Stored Procedures and PL/SQL Packages and have knowledge on various databases.
* Strong work experience on databases like **SQL server, PostgreSQL, Oracle11g, MongoDB(NoSQL)** and **DB2**
* Good Exposure to Service Oriented Architecture (SOA) such as Web Services andhands on experience in developing and registering web services using **JAX-RPC**, **JAX-WS**, **SAAJ**, **JAX-RS**, **SOAP**, **RESTful**, **WSDL**, **UDDI registry**
* Implemented **Web Service** and consumed third party Web Services using **SOAP, SOA, WSDL** also very strong in **Restful Web** Services
* Experienced in setting up logging configurations in the applications using **Apache Log4j** and **Log back.**
* Having good knowledge on using Version Controlling tools like **CVS, SVN, GIT,**Rational Rose, **Clear Case, Jenkins** etc.
* Coordinated with Kafka Admin team to set up Kafka cluster for the QA and Production environments
* Experienced with **Apache Tomcat**, **Oracle WebLogic**, **JBoss** and IBM **WebSphere** application servers.
* Expertise in development and deployment of **SOA** and **multi**-**tiered** web-based enterprise applications using **J2EE** technologies like **Servlets, JSP, JMS, Hibernate, Spring, JDBC, Angular, Java Beans** and **Web services** (**SOAP**, **Rest**)
* Application development experience using multithreading, Serialization, Externalization, Collection, Generics, **Core JAVA**
* Experienced with **Angular 2/4** and its features like **Dependency Injection, Angular expressions, Bindings** etc.
* Proficient with development of **RESTful Web Services** using **JAX**-**RS** for exchange of **JSON** and **XML** representations
* Deployed the application to DEV/UAT Servers weekly using Unix/Maven/Mule ESB/Tibco EMS/Gemfire/Oracle technologies
* Knowledge of **J2EE design patterns** like MVC, Front Controller, Factory, **Abstract Factory**, Command Pattern, **Singleton**, Session Facade, Transfer Object, Business Delegate and DAO Patterns
* Experienced in the deployment of the ear and jars using **Jenkins, ANT, Maven** deploy tools and performing other configuration changes for setting up the application in the integration testing environment
* Expertise in developing dynamic web pages in **HTML** with **Angular, jQuery** for user interface and developing single page applications by using **Angular**
* Responsible for Creating the **Node.js and Express** Server combined with Socket.io to build **MVC** framework from front-end side **AngularJS** to back-end **Mongo DB**, to provide broadcast service
* Experience of working with databases **Oracle** and **DB2, MySQL**; extensive experience working on **SQL, PL/SQL,** Oracle Database development experience using tables, triggers, views, packages and stored procedures
* Good working experience on client-side programming like **HTML/HTML5, XHTML, Java Script, CSS/CSS3 and Custom tag libraries**
* Complete understanding of **Agile methodologies like SCRUM, KANBAN** and ability to conduct SCRUM meetings, co-ordinate team activities in a strict-deadline driven environment and maintain excellent client communication.
* Developed REST web services API's supporting both XML and JSON implementing Spring MVC
* Possessing good professional and interpersonal skills which were applied in coordinating with development team, **QA** team and **support team** as required
* Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams and the senior management

**EDUCATION**

* Bachelor’s in Information Technology

**CERTIFICATION**

* Oracle Certified Java Programmer

**TECHNICAL PROFICIENCY**

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| Languages | C, C++, Java, SQL,Scala, PL/SQL,UNIX Shell Scripting, UML2.0 |
| Java Technologies | JSP, Servlets, JavaBeans, JDBC, RMI, EJB, Hibernate, Spring, Web Services (SOAP, REST), SOA, JMS, DOM Parsers, Design Patterns |
| Web Technologies | HTML 5, CSS3, XML, Bootstrap, JavaScript, jQuery, JSON, AngularJS, Angular 2/4, React JS, Node JS, AJAX |
| Development Tools (IDEs) | Eclipse, Visual Studio Code, Sublime Text, NetBeans, MS Visual Studio 2017 |
| Web/Application Servers | Apache Tomcat, JBoss, Web Logic, IBM WebSphere |
| Design Patterns | MVC, Front Controller, Session Façade, Singleton, Business Delegate and DAO patterns |
| Databases | Oracle, MS SQL Server, PostgreSQL, MySQL, DB2 |
| NoSQL Database | MongoDB (3.X) |
| Platforms | Windows, UNIX, LINUX |
| Version Control | CVS, SVN,GIT |
| Methodologies | Agile Methodology (Scrum, Kanban, XP), Waterfall Methodology |
| Other Tools | Ant 1.7, Maven 3.x, Jenkins (CI),JIRA, Rational Rose, Log4J |
| Testing Frameworks | JUnit, Selenium, Jasmine, Karma. |

**PROFESSIONAL EXPERIENCE**

**Client: Nationwide Insurance, Columbus, OH Jan 2018-Till Date**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Followed **Agile Scrum** methodology for application development and deliverables.
* Designed and implemented application using **Spring MVC**, **Backbone,Spring IOC**, **Spring annotations**, **Spring AOP**, **Spring Transactions**, **Hibernate**, **JDBC**, **SQL**, **JMS**, **Oracle**, **JBoss**
* Involved in Enhancement of existing application utilizing **ReactJS**, created HTML navigation menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of **JSON**.
* Developed all the UI pages using **HTML5**, **CSS3, JSON, JavaScript, jQuery, ReactJS, Ajax**
* Used various **Bootstrap** components and developed the application following Responsive web design.
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure
* Developed controllers, services, custom directives for various modules in **ReactJS** and was also involved in developing unit test cases using **Jasmine, Karma**
* Used Spring Core Annotations for Dependency Injection **Spring DI** and **Spring MVC** for **REST** API s and **Spring Boot** for **micro-services**
* Performed form validations using reactive forms from **Angular2.0** framework.
* Extensive experience in developing **User Interface (UI)** using **CSS**, **HTML, jQuery, JavaScript, Bootstrap, JSON, Ajax, AngularJS, Angular 2, Angular 4.**
* Worked on Design and development of Restful APIs using Node.js and JSON
* Expert on implementation of Restful API using Sequalize.js (MySQL ORM) with Node.js (hapiJs) framework.
* Working in MySQL, RDS database with node.js framework to develop APIs.
* Involved in using new features with **Angular 4** like NgIf with Else, Pipes, compare selector and Validators followed by the client requirements
* Implemented **React** services to connect the web application to the back-end API.
* Used **Tomcat server** for the application development and Utilized **JIRA** for task scheduling, quality control activities like defect tracking and fixing.
* Developed interactive web pages using HTML, CSS, JavaScript and AJAX • Deployed and tested the application on IBM WebSphere.
* Deployed docker applications on Google Cloud platform(GCP) on app engine and used Google Kubernetes engine (GKE) for compatibility testing.
* Created Docker images using a Dockerfile, worked on Docker container snapshots,removing images and managing Docker volumes
* Experience in writing Build Scripts using Shell Scripts, ANT, MAVEN and using CI (Continuation Integration) tools like Continuum, Jenkins and Hudson.
* Sound knowledge in use of build tools such as Apache Ant, Maven, Jenkins and project tracking tools like JIRA.
* Experience in using JSP and Servlets to create web interfaces and integrating apache tools like Kafka.
* Worked with Hibernate, ORM framework for implementation of persistence layer and Messaging Services like Active MQ and Kafka.
* Used Kibana and Elastic search to identify the Kafka message failure scenarios
* Worked with Kafka to load the data into HDFS and exported it into MongoDB database
* Implemented **Hibernate** along with annotation based transactional support in **Spring** Framework
* Developed Java Beans and Custom Tag Libraries providing client-side validations in **JavaScript** and providing interactive front-end GUI using **AJAX**
* Established continuous integration (CI) practices and standards using Jenkins. Set up **Jenkins** server and build jobs to provide continuous automated builds based on polling the **Git** source control system during the day and periodic scheduled builds overnight to support development using **Jenkins, Git, JUnit, Selenium and Maven**
* Design, develop, and maintain full-stack internet-scale web applications on AWS and also Worked with Docker and Kubernetes Microservices.
* Design and used Redis cache to cache varies types of data in Interface (MI) applications.
* Elastic Cache can be run in the Amazon Virtual Private Cloud (Amazon VPC) environment and Redis can use Elastic Cache with almost no modification.
* Execution of **Selenium** Test cases and Reporting defects.
* Used **Oracle** as database and involved in the development of **PL/SQL** backend implementation
* Maintained ELK (Elastic Search, Logstash, and Kibana) and Wrote Spark scripts using Scala shell.
* Testing, evaluation and troubleshooting of different NoSQL database systems and cluster configurations to ensure high-availability in various crash scenarios.
* Worked with NoSQL databases like Hbase in creating Hbase tables to load large sets of semi structured data coming from various sources.
* Implemented exception handling in Java Spring boot for REST API, by making use of ExceptionHandler and ControllerAdvice annotations.
* Strong experience and knowledge of real time data analytics using SparkStreaming, Kafka and Flume. Good experience in writing Spark applications using Python and Scala
* Involved in converting Cassandra/Hive/SQL queries into Spark transformations using RDD's and Scala.
* Used **GitHub** version controlling tools to maintain project versions supported the applications through debugging, fixing and maintenance releases. Worked with **NoSQL databases**such as **MongoDB**
* Wrote services to store and retrieve user data from the **MongoDB** for the application on devices
* Created **JUnit** test cases to automate the testing of business logic.

**Environment**: Java, J2EE, Spring Core, Spring (MVC), Spring Boot,Rest API, Hibernate, JSON, Junit, Agile model, HTML5, CSS3, JavaScript, Angular 2/4, jQuery, Eclipse, Tomcat,Kafka Maven, Jenkins, GitHub, Oracle, PL/SQL, Jasmine, Karma, NodeJS, ReactJS, MongoDB, Jira,Scala, Kubernetes ,AWS.

**Client: Petsmart, Phoneix,AZ Apr 2016-Dec 2017**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in different stages of **Software Development Life Cycle** SDLC including analysis, designing, coding, and testing
* Implemented all web applications with **object-oriented principle** and **design patterns**
* Designed and Developed User Interactive (UI) Web pages using **HTML5**, **React-JS**, **Bootstrap**, **CSS**,**JSX**,**jQuery**, **AJAX** and **NodeJS**, **Spring REST** using **Microservices**
* Created reusable components used across various modules using **React-JS**, **React-DOM**, **Bootstrap** and**JSX**
* Developed the **ReactWeb UI** components using **Visual Studio CodeIDE** and made backend **REST** calls
* Extensive knowledge on caching frameworks such as Redis, EHCache
* Used Bootstrap front-end framework for faster and easier web development with MySQL database, Node.js as the backend
* Expertise in Writing server code with node.js
* Implemented Docker automation solution for Continuous integration / Continuous Delivery model.
* Deployed docker applications on Google Cloud platform(GCP) on app engine and used Google Kubernetes engine (GKE) for compatibility testing.
* Worked with**BootstrapCSS** for dialogs, tabs, date picker, model pop up's and advanced components to implement UI model
* Implemented the Spring JMS API to publish the confirmed pickup orders, expired pickup orders and subscribe the order status from Operations in IBM MQ.
* Monitored and fixed issues Build's for QA, DEV, integration and production are monitored by integrations tool Jenkins.
* Used Maven to build war and ear files to deploy on Weblogic Server and used Jenkins for continuous integration
* Worked on **AngularJS** to create single page applications **(SPA)** using its features like routers, Controllers, Services, Directives
* Wrote automated test cases for web application using **Selenium**and performed unit test cases using **Jasmine** and **karma**
* Deployed the application on IBM WebSphere application server.
* Deploying and administering web services client applications on WebSphere and Tomcat application servers.
* Utilized **ReactJS** in combination with AngularJS to create fast, simple and **dynamic views**
* Implemented nested views and routing using Angular-UI Router as per the requirement. GUI was developed using JSP, HTML, and **AngularJS** and created reusable components in **Angular2.0** using Custom Directives Filters, Services and Partials
* Developed pages using **Angular2.0** directives, expressions, routing capabilities for bookmarking, filters, validations and Angular-UI components such as grid, buttons, carousels, date pickers, modal dialogs and other input components
* Developed the **DAO** layer for the existing applications using **Spring**, **Hibernate** and developed variousbusiness logic and reports using **HQL** and **Hibernate** Criteria
* Designed and developed Microservices Architecture to divide application into business components using Spring Boot, Apache Storm, Active MQ and Apache Kafka.
* Worked on Big Data Integration &Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and WebMethods.
* Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications
* Consumed **Restfulwebservices** using apache **HttpClient** for the data coming from external systems.
* Designed, developed and migrated custom **Mongo** applications specific to client needs.
* Developed **SpringJMS** message listeners to consume **JMSmessages** from queues and used **Springtransaction** management to manage the transactions in the application
* Worked with**Spring framework** at Business Tier and uses **Springcontainer** for initializing services and used **Spring core annotations** for Dependency Injection such as **Bean**, **Component**, **Repository**, **auto wired**etc.
* Used Scala to convert Hive/SQL queries into RDD transformations in Apache Spark.
* Implemented Spark Scripts using Scala, Spark SQL to access hive tables into spark for faster processing of data.
* Responsible for maintaining the code quality, coding and implementation standards by code reviews.
* Created various unit test cases and integration tests for the **DAO**, **Service**, and Controller components using**JUnit**, **dB Unit** and **Spring** testsupport
* Worked with**JIRA** and **Log4J** for project management, tracking and monitoring errors

**Environment**: Java 1.8, JBoss 7, Restful Web services, Rest API,HTML5, CSS3, Bootstrap, JavaScript, ReactJS 0.13, NodeJS,jQuery, AngularJS, Angular 2.0, AJAX, JSX, MongoDB, Kafka, Spring, Hibernate, Eclipse, Visual Studio Code, Scala, Selenium, Junit.dB unit, ANT, Jira, log4j, AWS, Oracle 11g.

**Client: Multiplan Inc, IL Aug 2014-Mar 2016**

**Role: Java / J2EE Developer**

**Responsibilities:**

* Involved in Full Cycle of Software development from **Analysis** through **Design**, **Development**, **Integration** and **testing** phases
* Created **Class diagrams**, **Sequence diagrams** and **Activity diagrams** to describe the relationship that exists among system's object in accordance with the business requirements using **UML**
* Developed Pop-in Dialog JSPs and passing Request Parameters using **JavaScript, jQuery, JSTL**
* System built using **Model-View-Controller (MVC)** architecture
* Implemented the application using the concrete principles laid down by several design patterns such **as Composite View**, **Session Façade**, **Business Delegate**, **Bean Factory**, **Singleton**, and **Data Access Object**
* Implemented front-end using **Backbone, underscore, jQuery,HTML**, **CSS** and **JavaScript**
* Developed **backbone** views, models, and collections and configured routing in the application using **Backbone** router
* Worked with**jQuery Ajax** to perform backend calls for data retrievals to populate model objects in collections
* Developed **Web services** to allow communication between applications through **RESTful** over **HTTP** using **ApacheAxis2**
* Designed and implemented transaction management using **Spring declarative transaction management**
* Consumed **JMS** messages using message listener container in spring from **WebSphere MQ** broker.
* Implemented different types of **spring** controllers as per application requirements, **SpringValidators**, **persistencelayer**, **DAO** and **service** layer components using **Spring**/**Hibernate** API and Spring/Hibernate annotations. Extensively used **Hibernate** QL
* Extensively used **SpringIOC**, configured Application Context files and performed database object mapping using **Hibernate** annotations
* Developed various batch jobs using **Spring** and **Quartz** schedulerdeployed them on **WebSphere** application Server 8.0
* Worked with**HibernateJPA** for mapping businessobjects to the **Oracle** database
* Automate build process by using **Maven** and used **CVS** version control tool
* Configured and customized logs using **Log4J**
* Worked with **Spring framework** with **Hibernate** tomap to **Oracle database** and mapping using **Hibernate** annotations
* Provided production support by debugging and fixing critical issues related to application and database.
* Troubleshooting of high volume and transaction and connection pool related issues in production and refactored code to fix the issues
* Took part in code reviews, application deployments, establishing CI/CD **Jenkins** process, creating **ansible** playbooks for **AWS** cloud deployment

**Environment**: Java 1.6, J2EE, HTML, CSS, JavaScript, Backbone, JMS, Spring MVC 3.0, Hibernate 3.0, JDBC,RESTful, Axis2, WebSphere 8.0, Maven,Oracle10g, CVS, XML, JSON, Log4j, Underscore, jQuery,jQuery -UI, UML, Windows.

**Client: Sonata, India Jan 2012- Jul 2014**

**Role: Java / J2EE Developer**

**Responsibilities:**

* Responsible for gathering new Business Requirements of the system from client and followed**Waterfall Methodology** to plan and monitor projects.
* Developed the functionality for communication between the modules mostly involved in VIEW and CONTOLLER section of MVC pattern, which includes **jQuery, HTML, CSS, JavaScript**
* Developed Web Application using **RESTful** Web Services involving the Consumption of Third party service integration like **SOAP** webservices
* Involved in the extensive usage of **HTML**, **CSS**, **jQuery**, **JavaScript,** and **Ajax** for client-side development and validations
* Developed dynamic Emails using **JavaScript,** and hand coding of **HTML** and **CSS**
* Database schema design development and coding of **DDL** and **DML** statements, functions. Extensive Knowledge of database like **Oracle,** designing the database and coding of **SQL, PL/SQL, Triggers, and Views**
* Developed programs for accessing the database using **JDBC** thin driver to execute **queries, Prepared statements**, **Stored Procedures** and to manipulate the data in the database
* Used **SVN** for version control
* Designed various tables required for the project in **Oracle 11g** database and used the stored procedures in the application and Wrote Stored **Procedures, Triggers and Functions on SQL Server** as well as PL/SQL on Oracle to support both databases for the application.
* Designed and developed Data Access layer using **Spring JDBC, Oracle and Hibernate.**
* Added dynamic functionality to the application by implementing **jQuery**
* Jersey implementation of **JAX-RS** is utilized to develop **RESTful** Webservice to carryout **CRUD** capabilities.
* Used **Jenkins** which automates the provisioning and configuration for all the continuous Integration Server including plugins, jobs, server configuration, etc.
* Involved in Technical Documentation and Use case design using UML modeling Class and sequence diagrams and was also involved in Integration, bug fixing, acceptance testing and Code reviews
* Utilized **Hibernate** for persisting data while developing an application based on **Spring** Framework
* Used **Maven** for dependency management and involved in consuming **SOAP** services using **Spring**

**Environment:**Core Java 1.7, Junit, SOA, Web services, JSP, HTML, CSS, JavaScript,jQuery, Tomcat Server, Jenkins, Maven, Hibernate, MVC/MVW, Spring, Eclipse, Oracle, Maven, log4j, SVN, Agile, Express.