**Subhash**

**Full Stack Developer**

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**SUMMARY**

* Around **8+ years** of professional experience including design and development of projects, building the web applications using in the areas of **Java/J2EE Client and Server-side** enterprise applications.
* Good Skills in all phases of SDLC like requirements, multi-tier application development with Agile, Scrum, TDD, and Waterfall.
* Strong experience in design, development using **Java, J2EE, Servlets, JMS, MVC Framework, Webservices, XML.**
* Used **Java8** features such as lambda expressions, Parallel operations on collections, and multithreading.
* Expertise in web-based GUIs using **Applets, JSP, HTML5, CSS3 Ajax jQuery, Bootstrap, Java script, Angular JS 2.0/4.0/6/7/9/10** and was involved in resolving cross browser Java script issues.
* Extensively worked with both Core and Advanced Java concepts.
* Implemented design patterns **Singleton, MVC, Object Factory, Front Controller, Factory Design pattern, Singleton.**
* Experience in building web applications using Spring framework features **MVC, AOP, DAO, Spring Boot, Spring Microservices, Spring REST, Spring Ribbon, Spring Security, Spring JDBC** Templates.
* Implementing Service Oriented Architecture using Web Services including **SOAP, REST, JAX-WS, JAX-RS, and SOAP UI.**
* Expert in writing SQL queries and using Hibernate framework with Spring ORM in interaction with the RDBMS and familiar with Non-Relational Database like **Mongo DB.**
* Experience with object-oriented client-side scripting using Typescript, ES6 and JavaScript frameworks.
* Experience in Implementation Token (Oauth2, SAML) base security using **Restful API.**
* Experienced in implementing modules like **Hibernate, JavaBeans, Servlets, Struts, and XML** Mapping.
* Experience in creating **Docker** images, Containers, push/pull and integrating with Spring Boot for running apps.
* Expertise in working with cloud services like **Amazon web services AWS, Spring Cloud** services and **PCF** are used.
* Hands on in AWS, which includes **EC2, S3, Elastic Load Balancer, Beanstalk, Cloud watch, IAM, Server Migration, Route53, SQS, VPC, DynamoDB, SNS, Glacier, RDS, Lambda and NoSQL databases, Cassandra, MongoDB.**
* Responsible for creating a microservices systemusing Java8 with **Spring Boot, Netflix OSS** and **RESTful API** in order to improve the scalability factor of the company’s product.
* Experience with Spark to handle streaming data and **Scala** for the batch processing and Spark streaming data.
* Extensive experience with RDBMS like **Oracle 11g, MySQL** and developing Views, Functions and SQL Queries, Stored Procedures and Triggers Involved in Designing the Database Schema and writing the complex SQL queries.
* Performed Query operations on **NoSQL** database Cassandra for storing and loading data of customers.
* Experience in TDD, using JUnit framework with Mockito and Easy mock, Spring Junit Runner.
* Experienced in using Log4j and good expertise in application build tools like **ANT, Gradle and Maven.**
* Worked on **Git** as version control management and JIRA as Defect management for bug, issue tracking of application. Used **JENKINS** for continuous integration (CI) and continuous deployment (CD) pipeline.

**EDUCATION**

M.S in Project and Program Management & Business Development, Skema Business School

Bachelor’s of Technology, V.R.Siddartha Engineering collage

**TECHNICAL SKILLS**

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| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, Swing, AWT,  Multi-threading, Java Networking |
| **Programming Languages** | Java, Core Java, SQL, PL/SQL, C, C++ |
| **J2EE Frameworks** | Spring MVC, Struts 2.0, JSF |
| **Application/Web Servers** | WebLogic, IBM WebSphere, JBoss, Tomcat |
| **ORM Frameworks** | Hibernate, JSF, IBATIS |
| **Web Technologies** | JSP, JavaScript, jQuery, AJAX, XML, XSLT, XHTML, DHTML, CSS, SASS,  HTML, AngularJS, Angular9/10, Backbone.js. |
| **Spring Framework** | Spring IOC, Spring Batch, Spring Boot, Spring Security |
| **Database Server** | Oracle, DB2, SQL Server, MySQL, RDBMS, MongoDB, Cassandra |
| **IDE** | Eclipse, NetBeans, IntelliJ, STS |
| **Web Services** | REST, SOAP, JAX-WS, JAX-RPC, JAX-RS, WSDL, Axis2, UDDI, Apache CXF |
| **Version Control** | GIT, CVS, SVN, Clear case |
| **Build Tools** | ANT, Maven, Gradle |
| **Methodologies** | Agile, Scrum, Water-Fall, Rapid Application Development,  Test Driven development |
| **Modelling Tools** | Microsoft Visio, Rational Rose |
| **Operating System** | Windows, Mac, Linux, UNIX |
| **Tools** | Apache Camel, ESB, cucumber, Rational Rose, Microsoft Visio |
| **Testing &logging** | Junit, Jasmine, JUnit, Log4J, SoapUI, Test NG, Easy mock and Power mock,  Karma, Protractor, Mockito, Selenium, Jenkins, Docker |

**PROFESSIONAL EXPERIENCE:**

**AssureCare (Cincinnati, Ohio) Feb 2022- Present**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Analysis, design and development and testing phases of Software Development Lifecycle (SDLC) using **Agile** methodology.
* Implemented Single Page Application [SPA] functionalities using **Angular** Routing and also used **Angular** Lazy Loading, to increase the performance of the application.
* Implemented **Angular9/ 10** services to connect the web applications to the back-end API.
* Developed user interface using **Angular** **9/10** and implemented services to pull JSON data which is exposed through **REST** services
* Implemented **Angular JS** component router for navigation and the services to connect the web application to back-end **API**s.
* Used Node Package Manager (NPM) to manage modules & used it to install useful tools as Grunt, and Express.
* Created **NodeJS** based Lambda functions to read data files from **AWS S3** and triggered and run these functions on **AWS Lambda**.
* Used **Node JS** to develop the back-end components, connect the application with the other web services.
* Used **JAXB** for marshalling and unmarshalling of work order, billing **XML** documents, and **JAXP** for processing.
* Actively involved in coding using **Java** 1.8, **Spring** to develop features from end to end.
* Designed **springBoot** service to process the legacy manifest, Consignee shipper scans and package exceptions using distributed environment using Open shift pods.
* Migrated **java** applications from mainframes to **java** 8 using **SpringMVC**, JSP, CSS, **hibernate**, **Java**Script, jQuery.
* Integrate the web services using Apache Camel routing and **Spring**.
* Extensively Used **Jenkins** as Continuous Integration tool to deploy **SpringBootMicroservices** to Pivotal Cloud Foundry (PCF).
* All the functionality is implemented using Spring IO / SpringBoot, Microservices and Hibernate ORM.
* Designed **Microservices** to fetch from legacy and upload in couch base from/to multiple buckets using Couch base SDK **Java** client.
* Developed backend services to fetch data from Oracle 12c using JDBC templates.
* Designed and developed necessary **PL/SQL** for the database operations as needed.
* Deployed **MicroServices**, Docker container using Amazon EC2 container services and using **AWS** admin console
* Designed and developed UI for 20+ websites, using **jQuery**, **AJAX**, **Node Js.**
* Wrote **Kafka** producers to stream the data from external **RestAPI**s to **Kafka** topics.
* Developed **Rest** services using **JSON** for storing and exchanging information between browsers and servers.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI’S
* Used JWT token bearer authentication for **REST** services.
* Utilized **Kubernetes** for the runtime environment of the **CI/CD** system to build, test deploy
* Used **Docker** image registry to deploy the code from **Git** to Open Shift using **Jenkins** pipeline.
* Designed JUnit test cases for various services to assert the final message integrity as a part of Dev testing.
* Designed the cucumber test cases and step definitions to perform integration testing and UAT testing.
* Experience working with distributed caching using **Hazelcast**.
* Deployed the Services onto the OpenShift to run docker containers, via Kubernetes on cloud infrastructure.
* Utilized **Swagger** framework for building the REST APIs

**Environment:Java** 1.8, **Angular**9/10, **Node JS**,**SpringBoot**, Apache Camel, Hazelcast, Bindy Parser, JWT, JSON, Object Mapper, Couch Base SDK, TFS, **Git**Hub, **Jenkins**, Docker, Open Shift, Windows, LINUX, IntelliJ, Cucumber, Maven, Swagger, Postman, **REST** services, JUnit, JMeter.

**Centene Corporation (Dallas, TX) Jan 2019 – Feb 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Used **NodeJS** for doing non-blocking design operation for server-side code .
* Developed the responsive UI web pages using **XHTML, Vue.js, HTML5, CSS3, JavaScript, node JS**  worked on filters in expressions and directives to filter data in the UI.
* Converted wireframes into interactive web pages in the web application using **Vue.js**, **JavaScript**, **HTML5** and **CSS3**.
* Implemented various screens for the front end using **React.js** and used various predefined components from NPM (Node Package Manager) and Redux library.
* Involved in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used **spring**framework including **Spring core/IoC, Spring Web, Spring Security** and implement the authentication, authorization, and access-control features by using Spring Security.
* Used Spring Inversion of Control (IoC) for injecting the beans and reduced the coupling between the classes and implemented the Model View Controller using **Spring MVC.**
* Implemented the application using **Spring Boot** Framework and handled the security using Spring Security.
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the database of **MongoDB.**
* Used **Redux** to maintain states in stores and dispatch actions.
* Used **Microservices** to communicate using synchronous protocols HTTP and REST for implementing **SOA.**
* Developed single page applications using **Typescript, HTML5, CSS3, and Bootstrap.**
* Involved in designing, developing and testing the web application by using the **HTML5, CSS3,**
* Project migration into cloud environment using **AWS, Docker** container.
* Application and developed cross browser and multi browser compatible web pages using **HTML5, CSS3 and Bootstrap.**
* Designed and coded application components in an agile environment utilizing a Test Driven Development **(TDD**) approach.

**Environment:** J2EE, Java 1.7, Spring Boot, Spring MVC, Hibernate, JSP, AWS, AJAX, TDD, Web Services,SQL Server, Microservices, XML, NodeJS ,JQuery, JavaScript, IBM RAD, WebSphere, Clear Case, Apache Maven, Cassandra,MongoDB, JUnit, HTML, CSS3, XSLT, JENKINS,Redux

**Prince Water Coopers (Tampa, Florida) Sep2015 to Nov 2017**

**Role: Java Developer**

**Responsibilities:**

* Involved in design, development and maintenance of applications that utilizes **Microservices, Docker, J2EE, Spring Framework, Spring MVC, Spring Integrations, Spring Data,** and **HTML5.**
* Implementing Queues Configuration using **JMS-ActiveMQ** and **Message Driven Beans.**
* Involved in exposing, consuming and packaging **REST Web services** using **Jersey Framework.**
* Used different types of IDE tools like **JBuilder, RAD** and **IntelliJ IDEA** for Java J2EE Application development.
* Implemented a **Continuous Delivery** pipeline with **Docker, Jenkins**, **GitHub** and **AWS.**
* Used **Apache Kafka** cluster as messaging system between the **APIs** and **Microservices.**
* Migrating existing application into **Microservices architecture** using **REST APIs, Spring Boot.**
* Used **SVN** for version control and **JIRA** for defect tracking and**Confluence** for content Management System.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR file** to be deployed in application servers and integrated with **GITHUB, Jenkins,** and**Bamboo** Jobs.
* Designed and developed Application based on **Spring Framework, Spring MVC** and **Hibernate.**
* Used **Amazon Web Services (AWS)** like **EC2 servers, S3 storage, RDS instances, Cloud watch** and **Cloud Front** for promoting code in multiple environments.
* Integrated **DynamoDB** using **Lambda** to store the values of the items and backup the **DynamoDB** streams.
* All the functionality is implemented using **Spring Boot, Microservices** and **Hibernate ORM.**
* Involved in multi-tiered J2EE design utilizing **Spring** **IOC** **architecture** and **Spring JPA.**
* Used **REST** to test the rest based services and used **JUnit** and **Mockito** to test the middleware services.
* Installation and configuration of **Kubernetes, clustering** them and managed local deployments in **Kubernetes.** Developed **RESTful Services** with **JAX-RS** using **Spring Boot** and **Microservices Architecture.**
* Developed **Java API** to connect with **AWS S3 Services** for storing and retrieving data stored in the **S3 buckets.**
* Developed and maintained the **Continuous Integration** and deployment systems using **Jenkins, ANT, Maven.**
* Deployed applications into**Continuous Integration**environments like **Jenkins to integrate** and **deploy code on CI environments** for development testing. Design and develop Test cases for **TDD** and **BDD.**
* Developed **JSPs**, **Servlets** to implement **MVC pattern**. Designed, developed **UML** diagrams using **Rational Rose.** Involved heavily in setting up the **CI/CD** pipeline using **Jenkins, Maven, Bitbucket, ClearCase and AWS.**
* Worked on creation of custom **Docker** container images, pushing images, integration of **Spring Boot.**
* Developed user interface using **JSP with JavaBeans, JSTL** and **Custom Tag Libraries, JS, CSS, JQuery, NodeJS, HTML, SASS and Ajax** to speed the application. Used **Jenkins for integration** in **Apache Tomcat.**
* Deployment of Application in the **JBoss Server** environment using **ANT** tool using **Struts architecture** with the **JSP** Client. Involved in designing, capacity planning and implementing multi-rack **Cassandra cluster.**
* Involved in deploying the application in **UNIX** and to connect to see logs for fixing **UAT/Production defects**.
* Involved in **CI/CD** process using **GIT, Jenkins** job creation, **Maven build** and publish **Fabric** implementation.
* Deployed **Spring Boot Microservices** into **Docker Hub** using **Open Shift** Environment as **Docker Images.**
* Involved in implementing business logic with Oracle Stored Procedures, Functions and **Triggers** using **PL/SQL.**
* Worked on **Eclipse IDE** for development and deployment of application in**WebLogic Application Server.**
* Used **Gradle** tools for building and deploying the Web applications, implemented the **JUnit testing.**
* Used **Spring Core Annotations** for Dependency Injection **Spring MVC** for **REST API s** and **Spring Boot for Microservices.** Performed **CRUD** operations like Update, Insert and Delete data in **MongoDB.**
* Worked on implementation of **EAI, EDI** and **SOA** applications using technologies **J2EE, XML, and Linux.**
* Creating fully automated **CI build** and deployment infrastructure and processes for multiple projects.

**Environment:** JMS, Java 8, Java 7, ActiveMQ, AWS, JPA, Spring Boot, Microservices, CI/CD, Servlets, EJB, XML, JMS, CURD, GIT, Struts2.0, Hibernate3.0, Maven, Bitbucket, CSS, React JS, JQuery, AJAX, Javascript, Docker, Jenkins, GitHub , UNIX, Linux, Eclipse, JBuilder, RAD, and IntelliJ IDEA.

**Appshark Software (India) Oct 2013 to Aug 2015**

**Role: Java Developer**

**Responsibilities:**

**Responsibilities:**

* Developed complex Web Services and tailored **JAX-RS API** to suit the requirement.
* Development of UI models using **HTML5, JSP, Javascript, AJAX, Web link** and **CSS3.**
* Worked on **SOA/Web Services** and created request and response **WSDLs.**
* Developed web GUI involving **HTML5, Javascript under MVC architecture.**
* Development of server side programming using **Servlets, JSP, Struts.**
* Developed **TDD** environment and followed **continuous integration** system with **Hudson** Server for Building/testing software projects continuously.
* Worked on Spring **RESTful** **API** to exchange XML and **JSON** data between enterprise applications.
* Created **Rest API's** and **Soap API's** by using spring controllers and **JAX-WS.**
* Developed **Spring Beans** and configured **spring** using application Context.xml.
* Assisted Database Developers using **PL/SQL** for managing data associated with the tables.
* Developed **REST services** using **NodeJS** to serve the web application with **JSON data.**
* Used **JDBC** to connect to the **Oracle database** and **JNDI** to lookup administered objects.
* Deployed and configured the data source for database in **WebLogic application server.**
* Used **Spring ORM** to integrate **Spring Framework** with **Hibernate** and **JPA.**
* Implemented **JMS** using **Spring JMS** module to communicate with **Apache ActiveMQ** queues.
* Used **SSIS** to unite data from existing system and performed transformations on **MS SQL.**
* Implemented **Message Driven Bean** Using **JMS** Implemented enterprise applications with **JQuery, AngularJS** and **Spring MVC.** Designed and developed the application using **AGILE-SCRUM** methodology.
* Developed a multi-user web application using **JSP, Servlet, JDBC, spring,** and **Hibernate** framework to provide the needed functionality. Generated **DAO's** to map with database tables using **Hibernate**.
* Involved in implementation of enterprise integration with **Web Services** and **Legacy Systems** using **SOAP** and **REST** (**Axis**, **Jersey frameworks**). Involved in deploying the application in test environment using **Tomcat.**
* Involved in **J2EE** Design Patterns such as **Data Transfer Object (DTO), DAO, Value Object**, and Template.
* Development of Action Forms, Action Servlet, Action and Validating Action Forms in the **Struts framework**.
* Developed **SQL Queries** for performing **CRUD** operations in **Oracle** for the application.
* Used **LOG4J, JUnit** for debugging, testing and maintaining the system state.

**Environment:** Java 7, JDK, spring, Hibernate, Webservices, JAX-RS, Mockito, Hudson, SOAPUI, JSP, JDBC, jQuery, AJAX, Html, CSS, Maven, log4j, Oracle, MS SQL, SQL, JIRA, JMS, IntelliJ, UNIX, AGILE-SCRUM.