# **Pridhvi R** pridhvi92java@gmail.com

 **Sr Java Developer Phone: (515)650 8729**

**PROFESSIONAL SUMMARY:**

* Java developer with **8** years of IT experience in **Object Oriented Programming**, Analysis, Design, Documentation, Integration, Testing and Implementation of Client Server, Distributed Multi-tiered and Large-scale Enterprise applications in Waterfall and Agile (Scrum) methodology using JAVA and JEE technologies.
* Good Knowledge of Java 8 Features including Lambda expressions, Method references, Functional interfaces, Stream API, Default methods, Optional class, Collectors class, Parallel array sorting etc.
* In depth knowledge on core Java concepts such as OOPS, Collections, Threading, Generics, Exception handling, Thread pools, Execution services, concurrent utilities, File IO and Serialization, JDBC.
* Experience with Open source frameworks using **Struts,** **Spring Batch**, and **Hibernate** and used design patterns like **Singleton, DAO, Factory, and MVC** approaches using **SCRUM** framework under **Agile** Methodology.
* Experience in **Client-Server** and **N-tier** web applications development, deployment and maintenance using **Java, J2EE, Servlets, JSP, JSTL, JDBC, Struts, Spring Batch, Hibernate, MDB, XML, HTML, AJAX, Node JS, CSS, JavaScript, Web Services**.
* Designed and developed the service components using **Java**, **JEE**, **RESTful API (JAX-RS),** **SOAP Spring**, **Struts, Hibernate, JPA, Servlets**, **JSP**, **JavaBeans**, **Design Patterns**, **XML**, **XSD**, **JSON** technologies.
* Proficiency in **Webservices** applications both producing and consuming **REST (Rest Easy, Jersey) API**. Strong understanding of **REST(JAX-RS)**, **SOAP (JAX-WS)** based webservices and **WSDL**, **UDDI**.
* Strong experience in **Spring Framework** such as **Spring** **MVC**, **IOC**, **AOP** and **Spring JDBC**.
* Proficient in implementation of frameworks like **Struts, Spring MVC, Spring Web Flow**, **Spring IOC, Spring AOP, Spring Security, Spring Boot, JSF,** andORM frameworks **like Hibernate, IBATIS.**
* **Proficient in using Amazon Web Services (AWS). Extensive experience focusing on services like Lambda, EC2, Elastic Beanstalk, ALB, Cloud Watch, Cloud Front, Cloud Formation, S3, RDS, SNS, SQS, IAM.**
* Responsible for writing **micro services** using **Spring Boot** and **Pivotal Cloud Foundry (PCF).**
* Initiated **Microservices** application through **Docker** and **Kubernetes** cluster formation.
* Hands-on experience with various application and web servers including **IBM WebSphere**, **WebLogic, JBoss,** and **Tomcat Servers**.
* Exposure to various development tools including **Eclipse, IBM RAD, NetBeans, and IntelliJ**.
* Experienced with Middleware Technology Messaging Brokers like **JMS, Active MQ,** and **Rabbit MQ** in **SOA** (Service Oriented Architecture).
* knowledge in working with databases like **Oracle, DB2, MS SQL, PL/SQL and MySQL.**
* Experienced in using build tools like **Ant, Maven,** written unit test cases using **JUnit**, and used **Jenkins** for continuous integration.
* Experience with version control using **SVN,** **GitHub,** **CVS,** and error logging using **Log4J.**
* Experience at working on **JIRA** tools for tracking stories in a project in a different methodology of SDLC.
* Experience in developing and utilizing **JAR, WAR, EAR** files with building tools like **Maven, ANT**, **Gradle.**
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (**CI/CD**) **pipelines** to deploying either on public or private cloud.
* Experienced in performing unit testing using **Selenium, Cucumber, Junit, Mockito, Mock MVC**, **JMeter**, **Jtest**, **TestNG**.  **Protractor**, **Jasmine, Karma.**

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java, C++, SQL and PL/SQL |
| **Java Technologies** | JSE, JDBC, JPA, AJAX, JSP, Servlets, EJB, JMS, JSTL, JNDI |
| **Web Technologies** | HTML5, CSS3, JavaScript, AngularJS, Angular 2.0, Node.js, Bootstrap, XML, XSD, XSL/XSLT, AJAX, jQuery, JSON |
| **Webservices** | REST, SOAP, WSDL, JAX-RPC, DOM, SOAP, RESTful, UDDI, JAX-WS, JAXB, Apache-CXF |
| **ORM technology** | Hibernate, iBatis, MyBatis |
| **Application Servers/Web Servers** | WebLogic, Web Sphere, Jboss, Apache Tomcat. |
| **Applications Frameworks and modules** | Struts, JSF, Hibernate, Spring Framework, Spring MVC, Spring Boot, Spring Cloud, Spring Core, Spring Orm, Spring JDBC, Spring Security. |
| **Databases** | Oracle, MySQL and SQL Server, MongoDB, Cassandra. |
| **Operating Systems** | Windows, Linux. |
| **IDEs** | NetBeans, Eclipse, IntelliJ, STS, RAD. |
| **Version Control Systems** |  SVN, GIT |
| **Tools Viewer** |  JUnit, Log4J |
| **Build Automation Tools/ Issue Tracking Tools** | ANT, Maven, Jenkins, Jira, Rally, Ansible, puppet, chef. |
| **Cloud Technologies** | AWS (Elastic Search, EC2, S3, ELB), PCF |
| **Other Tools** | Rational Rose, MS Visio Professional. |

**MasterCard, O’Fallon, MO Nov 2018-present**

**Sr. Java/J2EE Developer**

MasterCard Worldwide is an American multinational financial services corporation headquartered in the MasterCard International Global Headquarters, Purchase, New York, United States, 1 in affluent Westchester County. The Global Operations Headquarters is in O'Fallon, Missouri, United States, a suburb of Saint Louis, Missouri. Throughout the world, its principal business is to process payments between the banks of merchants and the card issuing banks or credit unions of the purchasers who use the MasterCard brand debit and credit cards to make purchases.

**Responsibilities**:

* Involved in all stages of **Software Development Life Cycle (SDLC)** of the project in Agile methodology
* Participated **Daily Scrum** meeting, sprint grooming/review and demo with management and other teams
* Involved in the development of user interface applications and professional web applications using **HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, Xml, Node JS, Bootstrap and Angular JS.**
* Implemented functionality like searching, filtering, sorting, validating using **Angular JS and Java Script.**
* Developed and maintained NodeJS microservices using **RabbitMQ**
* Developed Angular JS custom directives, working on attribute level, element level, class level directives.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Architecture with **JSP** as View, Servlet as Controller and combination of **EJBs** and Java classes as Model.
* Responsible for migrating the Web services from shared Java environment to **PCF**- Cloud platform.
* Developed Micro Services to provide **RESTful** **API** utilizing **Spring Boot with Spring MVC**.
* Used **Multithreading** for faster and parallel processing of documents.
* Implemented Bean classes and configured in spring configuration file for **Dependency Injection,** developed **Controller Classes** using **Spring MVC, Spring AOP, Spring Boot, Spring Batch modules,** handled securityusing **Spring Security.**
* Implemented Batch jobs to deal with Large number of chunks using **Spring Batch** Framework to execute the similar jobs simultaneously.
* Used popular **Node.JS** frameworks like Express and restify to mock a Restful API.
* Implemented data access layer i.e. **DAO** Classes using **Hibernate** as an **ORM** tool and configured xml files according to **hibernate** framework.
* Designed services to store and retrieve user data using **Cassandra** database and communicated with remote servers using **REST** enabled Web Services on **Jersey** framework.
* Developed and consumed **RESTful** web services to retrieve configuration **JSON** documents related to customer.
* Used Jenkins and pipelines to drive all microservices builds out to the Docker registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Integrated Lambda with **CloudWatch** for Monitoring the Logs**.**
* Expertise on **SwaggerAPI** which can generate all the **Rest Services** automatically and provides an ease of interaction with the remote services.
* Used **JMeter** to Load Test the application.
* Experienced in implementation of **JMS** to exchange information over reliable channel in an asynchronous way by using **Active MQ** as a message queue.
* Converted a monolithic app to microservices architecture using Spring Boot using 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in **PCF**.
* Worked on **Log4j** for logging errors, messages and performance logs and implemented test cases in **Junit**
* Secured the **REST API’s** by implementing **OAuth2** token-based authorization scheme using **Spring security**.
* Expertise in **React JS** framework to develop the SPA. We have even used **React JS** components like Forms, Keys, Events, Router, Animations and Flux concept.
* Worked on **REST APIs**, and **Elastic Sear**ch to efficiently handle and searching **JSON** data.
* Optimized Microservices using **NodeJS and ES6** as interfaces to Cassandra NoSQL database.
* Developed the **Spark-Kafka-Producer**-Consumer module and was involved in developing applications using Java and J2EE.
* Experience with Front-end JavaScript frameworks like **Angular JS, Node JS**. And with the creation of **RESTful** Web service.
* Designed and implemented container-based polyglot microservice architecture using **Docker** and **ActiveMQ** for new application infrastructure.
* Deployed the war file of the enterprise application on **WebSphere** application server that handles various requests from Client and fixed deployment issues
* Implemented complete **GRADLE** build life cycle to achieve organized application structure.
* Deployed applications into Continuous integration environments like **Jenkins** to integrate and deploy code on CI environments for development testing.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system
* Developed **SVN** controls to track and maintain the different version of the project

**Environment:** Java/J2EE, HTML5, CSS3, Java Script, jQuery, Angular JS, Node.JS, Spring, Hibernate, MVC, Web Services, GRADLE, RabbitMQ, WebSphere, RAD, JUnit, JMS, log4j, GIT, Cassandra, UNIX, SOAP UI, REST Client, AWS, Jenkins, JIRA, SVN.

**State Farm Insurance, Atlanta, GA July 2017 – Oct 2018**

**Sr. Full Stack Developer**

**Description:**

This Company is well known for providing insurance and financial services in the United States. One of the Web Application CIQ involves the design and development of a Web based internet application to provide online insurance services. The web application provides functionalities such as Internet Insurance Quote for Customers and Agents. The customer can access complete account information, policy information, and receive instant auto insurance quote and report a claim

**Responsibilities:**

* Involved in Requirements gathering, **Analysis, Design, Development and Testing** of application using **AGILE methodology (SCRUM).**
* Involved in designing, developing, and testing the web application by using the **HTML5, CSS3, Bootstrap, Angular JS** and **React JS**.
* Followed Java & J2EE design patterns and the coding guidelines to design and develop the application
* Designed Java Components and integrated using **Spring framework** with **Hibernate** Object/Relational persistence mechanism.
* Implemented contracts administrator service using **Kafka, Spark** and **Java**.
* Involved in writing **Spring** Configuration **XML**, file that contains declarations and business classes are wired-up to the frontend managed **beans** using **Spring IOC pattern.**
* Involved in integrating **JAX-RS** into **Spring Boot** application.
* Implemented **Micro Services** using **Spring Boot, Spring Cloud, Spring Micro Services** and enabled discovery using **Netflix Eureka Server.**
* Implemented **RESTful** Web Services to retrieve data from client side using **Micro Services** architecture.
* Created web services using **Spring @Rest Controller** to return **JSON** to the frontend.
* Created and consumed WSDL for **soap-based** web services.
* Used RESTful web services to expose certain functionalities of the application.
* Sending requests and responses in Micro services through **REST/HTTP**.
* Used **AWS** deployment services to quickly set up a dynamic website and configured virtual servers.
* Redesigned and re-implemented services using NGINX, **Node JS, Express JS, Mongo DB,** and MySQL.
* Responsible for maintaining and expanding our **AWS** infrastructure using**AWS EC2**, manage documents in **S3**, providing IAM access to **S3** buckets.
* Coordination with **PCF** team, Service Registry team for configuration, deployment and Support.
* Designed and developed **DAO** layer with **Hibernate** standards, to access data from **SQL Server.**
* Created **SQL Server** logins and assigning roles and Authentication models as a part of Security.
* Used **multithreading** in programming to improve overall performance using **Singleton** design pattern in **Hibernate** Utility class.
* Used Spring Integration which enables lightweight messaging within spring-based application and integration with external systems like **JMS** messages, files etc.
* Developed the persistence layer using **Hibernate Framework**, created the **POJO** objects and mapped using **Hibernate annotations and Transaction Management.**
* Implemented service methods and **SQL** queries, **PL/SQL** to interact with the **forms.**
* Performed deployment of applications on **IBM Web Sphere** Application Server.
* Involved in creating **Mongo DB,** collections and documents and developed Mongoose Schema objects to perform **CRUD** operations.
* Used Bootstrap and **AngularJS, React.js** and **Node.js** in effective web design.
* Used **MAVEN** to define the dependencies and build the application and used **JUnit** for suite execution and Assertions.
* Used **JIRA** for bug tracking, issue tracking and project management.
* Developed the apps using design patterns like **Singleton, Business Delegate, MVC and Factory** Pattern for re-usability. Developed **re-usable utility classes** in **core java** for validation that are used across all modules.
* Implemented various modules in **Spring like AOP, IOC (Dependency Injection)**, **Bean Wiring, Spring Inheritance, Auto Wiring and Spring Quartz Schedulers for Jobs.**
* Involved in developing components on **Spring MVC** and **Hibernate** and created Micro Services using **Spring Boot**.
* Created **RESTful API** utilizing **Spring RESTful Controllers**.
* Used **DAO pattern** to fetch data from database using **Hibernate** to carry out various database.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions,** and **cache concepts**
* Used **GIT** as source control management giving a huge speed advantage on centralized systems that must communicate with a server.

**Environment**: Java/J2EE, Agile Methodology, Spring IOC, Spring MVC, Spring Boot, Spring Cloud, Spring Batch, Spring Security, HTML5, CSS3, Bootstrap, AngularJS, JSTL, jQuery, AJAX, AWS EC2, S3, Micro Services, Hibernate, RESTful API, SOA, JAX-RS, JSON, CRUD, PCF, Jenkins, JIRA, RabbitMQ, MAVEN, JUnit, UNIX, STS, IBM Web Sphere, Log4J, GIT.

**Philips Health Care, Boston, Massachusetts. May 2016 – June 2017**

**Sr. Java/J2EE Developer**

**Description:**

Philips healthcare is a sector in Royal Philips; a Dutch based company delivers advanced solutions for both health professionals, to meet the needs of patients, and empowered consumers for affordable healthcare whether in hospital or at home**.** Philips healthcare is the company that improves the cost-effectiveness of healthcare.

**Responsibilities:**

* Responsible for the development and design of four complete reports, accessible to various levels of. using the spring architecture.
* Worked with **Security Analysts Team** to design and implement the level of security from business applications.
* Involved in coding, testing, and creation of functional specs of enhancement application.
* Consumed web services which were written using soap over xml. Also exposed all the Business process classes as **web services using soap with XML**.
* Developed service class interfaces which interact with the database to retrieve the merchant transaction data.
* Used JSTL and implemented Custom Tag libraries for the **JSP’s**
* Responsible for the development of **“Download”** module using which the users can download the thousands of transactions performed by that merchant in **.xls or .PDF** format. Generated PDF’s for reports using I **Text API.**
* Implemented Singleton and Data Access Object design patterns.
* Developed **DAO classes** for the persistent layer using **JDBC SQL and HIBERNATE**.
* Responsibility for integration with the other developed reports into the CBOS framework and streamlining the process-flow.
* Deployment of the WAR files using the **ANT build tool.**
* Worked J2EE Infrastructure and Run time analyst to build different environments and to deploy external configuration files/ properties files.
* Unit testing, Performance / Load testing using **JUNIT.**
* Used Multithreading **concepts and concurrency**
* Coordinated with the QA team to help develop their test-cases.
* Code walk through with J2EE standards / Architecture team and transition to Support team

**Environment:** Java, J2EE, JSP, Spring, Web Services, JSTL, XML, JavaScript, AJAX, WebSphere 6.1, Log4J, SQL/PLSQL, CSS, Hibernate, JUNIT, ANT, Unix, Windows.

**Value Labs, Hyderabad, India Oct 2014- Dec 2015**

**Java Developer**

**Description**: Atlantic Telecom deals with selling calling cards globally. The application allows users to use cards to make calls all over the world. It supports VOIP calls over the internet. Users can register and make one-time payments or use the option of a monthly recharge.

**Responsibilities:**

* Involved in the process of analysis, design, and development of the application.
* Involved in the implementation of design using vital phases of the Software development life cycle (SDLC) that includes Development, Testing, Implementation and Maintenance Support in WATERFALL methodology.
* Developed user interface using **JSP** and Java Script to simplify the complexities of the application.
* Developed User Interface using **AJAX** in **JSP** and performed client-side validation
* Developed Struts Action Forms, Action classes and performed action mapping using Struts.
* Performed data validation in Struts Form beans and Action Classes.
* Participated in design and code reviews.
* Developed ANT scripts and developed builds using **Apache ANT**.
* Used **MySQL** database for data persistence.
* Packaged and deployed the application in Web Sphere.
* Involved in unit testing, integration testing.
* Developed **JUnit** test cases for all the developed modules. Used SVN as version control.

**Environment:** Java, J2EE, JSP, Struts, JNDI, HTML, XML, DOM, SAX, ANT, AJAX, JavaScript, Rational Rose, Eclipse, Web Sphere, MySQL, SVN.

**Techno soft Solutions., Hyderabad, India August 2012 – sept 2014**

**Jr. J2EE Developer**

**Description: OTS (Online Ticketing System)** This project is automation of online air ticketing and flights controlling system. This provides on-line ticket blocking and booking. This Project mainly divided into two modules and sub modules. Administrate Module - controls the total project like granting new service centers, agent centers for ticket issuing, schedule the flight timings and number of flight services etc.

**Responsibilities:**

* Developed front-end components using **Java Servlets** and **JSP**.
* Developed **SQL** Stored Procedures in **PL/SQL** stored procedural language using **TOAD** integrated development tool.
* Developed Data Access Object (**DAO**) components to interact with Oracle Database using **type 4 JDBC Driver**.
* Configured the Spring Framework for this application and Used **MVC** guidelines for creating application framework using **JSP**, Servlets technology is used as for implementation of middle layer, which communicates to database server for database operation.
* **J2EE** Development using **EJB**, **Servlets**, **JSP**, **Java**, **XML**
* Leveraged system with JMS Message Brokering, MDB.
* Use **Eclipse** to develop the applications as an integrated development Environment tool.
* Wrote various SQL for accessing data from database and used **JDBC** API for Java Database Communication.
* Worked on the end user’s requirements with new enhancements.

**Environment:** Java, Servlets, JSP, EJB, JMS, Eclipse, spring1.2, Oracle 8i, Toad, Windows NT, Web Logic 5.x, XML, PL/SQL.