**Praveen Email:praveenpeter369@gmail.com**

**Sr. Full Stack Java Developer Phone: (312)-566-8228**

**Professional Summary:**

* **8+ years** of experience in design, development, maintenance and production support of **Java/J2EE** applications.
* Working knowledge of the multi-tiered distributed environment, OOAD concepts, a good understanding of **Software Development Lifecycle (SDLC)** and **Service Oriented Architecture (SOA).**
* Good exposure to **Service Oriented Architecture (SOA**) such as Web Services including **SOAP, WSDL, JMS (Java Messaging Service), AJAX**.
* Designed and developed web UI screen using **Angular-JS**.
* Expertise in Core Java Such as **OOPs**, **Collections, Exceptions Handling, Input/output (I/O) System, Swing, Annotations, Enums, Concurrency, Multi-Threading, Lambda,** and **Generics.**
* Experience in designing and building dynamic and user interactive websites using **JavaScript**, **Angular JS, React JS, Backbone.js, Express.js, Bootstrap, Node.js, and jQuery**.
* Developed **Angular JS Controllers**, Services, filters and directives for various modules in the application.
* Created custom directives, **decorators**, and services using **Angular JS** to interface with both **Restful** and **legacy network services**and also**DOM** applications.
* Having Good Experience in **Object Oriented Concepts** with **C, Java, and Python**.
* Experience in working with **Core-Java** and **Multi-Threading** applications.
* Expert knowledge of **J2EE Design Patterns** like **MVC Architecture, Front Controller, Session Facade, Business Delegate and Data Access Object for building J2EE Applications**.
* Experienced in web development using **HTML, DHTML, XHTML, CSS, JavaScript, jQuery, Bootstrap and AJAX technologies.**
* Experience in building web applications using Spring Framework features like MVC (Model View Controller), **AOP** (Aspect Oriented Programming), **IOC** (Inversion of Control), **DAO** (Data Access Object) and template classes.
* Hands on experience with working on **BRMS** software like **JBoss Drools.**
* Experienced in working with batch jobs using **Spring-Batch, Autosys,** and **Quartz.**
* Strong experience in XML related technologies including **XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, XML-RPC, SAX and XML Beans.**
* Expertise in developing and consuming Web services including different technologies and standards like **DTD, XSD, SOAP, WSDL, JAX-RPC, JAX-WS, WS-I and Apache Axis, JAX-RPC.**
* Experience in installing, configuring, tuning **IBM Web Sphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x, JBoss 5.x/ 4.x.**
* Good Knowledge of using IDE Tools like **Eclipse**, **Net Beans**, **J Builder, Rational Application Developer(RAD) for Java/J2EE application development.**
* Expertise in database modeling and development using **SQL, T-SQL and PL/SQL in Oracle (9i, 10g, 11g), DB2 and SQL Server environments.**
* Experience in using **ANT** and **Maven** for build automation.
* Experienced in using Operating Systems like **Windows 98 / 2000 / NT / XP, AIX, Sun Solaris.**
* Involved in Performance analysis and improvements of the application using tools like **JMeter** and using commands on **Unix** box to resolve **deadlocks** and improve performance

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | Java, J2EE, C, C++, PL/SQL |
| **J2EE Technologies** | Servlets 2.2/2.3/2.4, JSP 1.1/1.2/2.0, JDBC 2.0/3.0, JNDI, OSGI, EJB 2.0/3.0, RMI |
| **XML technologies** | XML, XSL, DTD, XSD, JAXP, JAXB |
| **Web Technologies** | HTML, DHTML, JavaScript, Angular JS, Node JS, React JS, Mocha\Chai, AJAX, CSS, JQUERY, DOJO, JSP, GWT (Google Web Toolkit) |
| **Frame Works** | Struts 1.2/1.3/2.0, Spring 1.2/1.3/2.0/3.2, MVC, Hibernate 2.0/3.0, Tiles, Validator |
| **Database** | Oracle 9i/10g/11g, SQL Server 2005, MySQL, DB2 7.0/8.0/9.0, Cassandra, NoSQL, MongoDB |
| **Cloud Technologies** | Pivotal Cloud Foundry (PCF), AWS |
| **Application/Web-Servers** | IBM WebSphere 5.X/6.0/8.1, WebLogic 7.x/8.x/9.0/10.3, JBoss, Apache Tomcat 5.0/5.5 |
| **Messaging System** | JMS, IBM MQ-Series, IBM WebSphere,MQ, Active MQ, RabbitMQ |
| **Web Services** | WSDL, SOAP, UDDI, JAX-WS, JAX-RS, AXIS 2, CXF, JERSEY |
| **IDE Tools** | RAD, Eclipse, My Eclipse, NetBeans |
| **Configuration Tools** | CVS, Rational Clear Case, SVN |
| **Version Controller Tools** | CVS, SVN, Clear case, GIT, Harvest. |
| **Operating Systems** | Windows 98/NT/2000/XP, UNIX, LINUX, MacOS |
| **Build/Testing Tools** | Ant, Maven, Jenkins, Hudson, JUnit, Mockito, Power Mockito, Log4j, XML Spy, SOAP UI, GITHUB |
| **Design Methodologies** | UML, Microsoft Visio, Rational Rose, SDLC |

**Professional experience:**

**Client: JOHN DEERE, Moline - IL June 2017 – Till Date**

**Position: Sr. Full Stack Developer**

**Responsibilities:**

* Involved in the complete **SDLC** including the design of System Architecture, development of System Use Cases based on the functional requirements.
* Involved in **Daily Scrum (Agile)** meetings, **Sprint** planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Used **JSP, HTML5, CSS3, and JavaScript** to construct the dynamic web pages (presentation Layer) for the application.
* Research and development on scalable Linux development on **AWS via Docker.**
* Used **Angular 2/4** and **Backbone.JS** for client-side validation.
* Develop various screens for the front end using Angular JS and used various predefined components from NPM.
* Worked with core **Java** technologies like **Multi-Threading** and **synchronization.**
* **Multithreading** was used to process data in **chunks** to improve performance.
* Handed **Java Multi-Threading** part in back-end component, one thread will be running for each user.
* Implemented **Restful Web services** to retrieve data from client side and made **REST API** calls from **Angular JS** and parsed the data to project to the client and handled the security and Authorization using **Spring Security** and **OAuth.**
* Designed and developed the **REST** based Micro services using the **Spring Boot.**
* Implement Java8 features including **Lambda**, Advanced for each loop, and **Streams**.
* Involved in writing **API for Amazon Lambda** to manage some of the **AWS Services**.
* Designed and developed business components using **Spring Boot, Spring Dependency Injection (Core), Spring AOP and Spring Annotations.**
* Used **Hibernate** Transaction Management, **Spring/Hibernate Batch Transactions** and **Hibernate** cache concepts.
* Used **Spring Data Framework** to use the features of **Spring JDBC** and **SpringORM classes** like **JDBC Template** and **Hibernate Template** to perform the database operations by connecting to Data sources available.
* Removed all the XML based configurations required to build the **MVC application** and maintained in the classes using **Spring Boot.**
* Developed views using the **HTML, CSS and JS components of Bootstrap framework**.
* Installed the application on **AWS EC2 instances** and configured the **storage on S3 buckets**.
* Used **Microservices** to communicate using synchronous protocols **HTTP** and **REST**.
* Implementing or exposing the Microservices based on **Restful API** utilizing **Spring Boot** with **SpringMVC**.
* Used **JIRA** ticketing system to keep track of issues and tasks on individuals.
* Deployed and Monitored **Micro Services** Using **Pivotal Cloud Foundry (PCF),** also Managed **Domains** and **Routes** with the **Cloud Foundry**.
* Experienced in implementation of **JMS** to exchange information over reliable channel in an **asynchronous** way by using **Active MQ**, **Rabbit MQ** as a message queue.
* Created computing and data resources on AWS using **EC2.** Installed Pivotal **Cloud Foundry** on **EC2** to manage the containers created by **PCF**. Implemented agent-server messaging dialog using **Rabbit MQ.**
* Build Web pages that are more user interactive using **AJAX, JavaScript, LESS, Bootstrap** and **Angular JS.**
* Deployed **GUI** code to Web Logic application environment and standalone components to **JBoss** Server. Developed web services to perform various operations on the supplier information.
* Used **Mongo DB** as data storage and utilized aspects like replica sets, Shading, and clever document design to make service extensible scale and feature wise.
* Implemented **Micro Services** architecture using **Spring Boot** for making application smaller and independent.

**Environment:**JAVA 8, J2SE, HTML5, CSS3, AWS, jQuery, Ajax, Rabbit MQ, Angular JS, Node JS, JSON, J2EE, Spring Framework 4.2.0, Spring MVC 4.2, Hibernate 4.0, Docker, Micro Services, Kafka, Apigee, Pivotal Cloud Foundry (PCF), Bootstrap, Web services, Restful, RAD, Python, Web Sphere, Sonar Qube, Agile/Scrum Methodology, Maven, JIRA, JBoss, JUnit, TDD, MongoDB, GITHUB.

**Client: AUTODESK INC, San Francisco - CA September2015 – May 2017**

**Position: Full Stack Java Developer**

**Responsibilities:**

* Followed **Agile Methodology** (Scrum) to meet customer expectations, timelines with quality deliverables.
* Developed the User Interface using **HTML5, CSS3, Bootstrap, jQuery, Angular JS and Node JS.**
* Implemented different validation control on the web-pages using **Angular JS** and developed responsive Web pages using **Bootstrap.**
* Designed and developed an application using **Spring Framework** modules like **Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Batch and Spring Data.**
* Implemented logging and transaction manager using **Spring AOP concept.**
* Used **Spring JPA** and **Spring Repository** pattern extensively.
* Development of test framework using the **Python.**
* Used **Spring Security** to provide authentication, authorization and access-control features for Application.
* Designed and developed **Micro Services** business components using **Spring Boot** with **Spring MVC flow.**
* Developed **Restful Services** using **JAX-RS** with **Spring Boot** and **Micro Service Architecture** to enable **Micro Services** to deploy in the cloud.
* Developed **Terraform** scripts to create the **AWS** resources such as **EC2, Auto Scaling Groups, ELB, Route53, S3, SNS and Cloud Watch Alarms.**
* Created **AWS Lambda** using java to perform event driven processing.
* Automated application deployment in the cloud using **Docker** technology using **Elastic Container Service scheduler.**
* Developing internal Web Application in **Groovy/Grails** with **Mongo DB** as a data store. Using the **IntelliJ Idea 15.0.4 IDE** with the latest **Grails 3.1.1 SDK, Java 8.**
* Incorporated Basic authentication and **JSON** threat protection by using **Apigee API gateway.**
* Migrating the application to cloud environment using the **Amazon web services-EC2, S3** and **various services of AWS.**
* Responsible for maintaining and expanding **AWS (Cloud Services)** infrastructure using Stack especially worked with database setup and maintenance on **AWS EC2.**
* Used **Rabbit MQ** queues for implementation of **multi-threaded** synchronization processes and used **JMS queues** for consumption requests.
* Developed **REST API's** using **Spring MVC** and **spring boot,** hosted all micro services on **Pivotal Cloud Foundry (PCF).**
* Used **Micro service architecture,** with **Spring Boot-based services** interacting through a combination of **REST** and leveraging **AWS to build, test** and deploy **micro services.**
* Connected to Data sources and performed operations using **Spring Data Framework** features like **Spring JDBC** and **Spring ORM.**
* Involved in Construction of UI using **jQuery, Bootstrap** and **JavaScript.**
* Excellent in deploying the applications in **AWS as EC2 instances** and create snapshots for the data that must be stored in **AWS S3.**
* Developed test cases for Unit Testing using **JUnit** and **Mockito.**
* Used JIRA tool for Issue/bug tracking for monitoring of work assignment in the system and **Log4J** was used to monitor the error logs.
* Implemented responsive pages and images using **Bootstrap.**
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using Jenkins along with **UNIX Shell scripts** to automate routine jobs.

**Environment**:Java 8, J2EE, HTML5, CSS3, Bootstrap, jQuery, AWS, **Angular** JS, Node JS, Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Batch, Spring Data, Apigee, Python, Restful Services, SOAP, Micro Services Architecture, Oracle, Mongo DB, JUnit, Mockito, Pivotal Cloud Foundry(PCF) , Gradle, JIRA, Jenkins, Unix, GIT, Web Sphere Application Server and IntelliJ.

**Client: Allied Insurance, Denver – CO February 2014 – August 2015**

**Position: Java/J2EE Developer**

**Responsibilities:**

* Actively involved with the team, management & client as a part of **Agile (SCRUM)** software development.
* Involved in the Analysis, design, workflow, and process flow, Development of Airline technology applications called **FOCUS** and **CIS** using **Core Java** and **Java Swings.**
* Involved in consuming, producing **SOAP** annotation-based web-services using **JAX-WS**. Which includes features like **WS-Security standards, role-based security** to restrict access to resources
* **Continuous integration** using **Jenkins** for nightly builds and send automatic emails to the team.
* Designed and developed persistence layer build on **ORM framework** and developed it using **Hibernate.**
* Developed **UI modules** using **HTML, JSP, JavaScript, Bootstrap, CSS and Angular JS framework.**
* Involved in **Secure Coding** against **SQL injection, XSS attacks** by adding extensive validation code for all user inputs by writing **JavaScript** Regex Regular Expression for login validation, **jQuery code** combined with **Angular JS** ng-pristine/dirty for input validation.
* Developed well responsive single page application using **React JS framework** and **JavaScript in conjunction with HTML5, CSS3 standards.**
* Developed all the User Interfaces using **JSP** and **Spring MVC.**
* Extensively used **DAO patterns**, including mapping **DAO objects**, configure file and classes to **interact with the database.**
* Implemented **Object-relation mapping** in the persistence layer using **Hibernate** (ORM) framework.
* Developed rich User Interface using **jQuery, JavaScript, CSS3, and HTML5.**
* Used **AJAX** function calls using **jQuery** functions to handle the user requests asynchronously and to have faster responses from the server by directly connecting to the server.
* Obtained **JSON** responses to front-end using **GSON API.**
* Developed applications using Hibernate persistent framework, developed persistent classes, **hibernate-mapping files, configured XML files, hibernate query language.**
* Implemented web services using **WSDL/SOAP** and created **web services** and clients to use those services.
* Designed and Developed Rating Engine as a Web service following the top-down approach using **Apache Axis2.**
* Experience in using **Data Access Objects (DAO),** Session Facade, and Business Delegate and Factory patterns to increase the performance of the system.
* Experience in installing, configuring and deploying the application on **Web Logic Server.**
* Implemented build scripts using **MAVEN.**
* Involved in Unit Test Cases writing and having good knowledge in **JUnit.**
* Performed unit testing using JUnit framework and tested **DAO**'s and Business Services.
* Clear Case technology was used for version control.
* Worked with **Eclipse IDE** to develop and deploy the complete application.
* Utilized **SVN** for software configuration management and version control.
* Developed Stored Procedures, Triggers, and Functions in **MySQL.**

**Environment:**Java 1.7, J2EE, JavaScript, Servlets, JSP, EJB, Rational Rose, JDBC, Spring Framework, Hibernate, Spring Config, Jersey, Restful Web services, WSDL, JBoss, Struts, JUnit, XML, XSLT, Log4j, MySQL, SOAP, ANT, Maven, Angular JS, SQL Developer, SVN, SQL HTML 5.

**Client: Infologic Systems, Hyderabad - INMay 2012 – January 2014**

**Position: Java/J2EE Developer**

**Responsibilities:**

* Developed Various **J2EE** components like **Servlets, JSP, JSTL, AJAX, SAX, XSLT, JAXP, JNDI, LDAP, JMS and MQSeries.**
* Implemented business layer using **Core Java,Spring Beans** using Dependency injection, **spring annotations, and Spring Web-flow components.**
* Used **Spring Boot** for building applications along with **Spring Initializer** and **bootstrapping** the build configuration for a **Boot-based web application.**
* Developed JSP pages using **Spring MVC 3.0** framework and created **Spring MVC components** like **Dispatch Servlets,** configure Request mapping annotation controllers, view resolver components.
* Involved in design and development of server-side layer using **JSP, JDBC, EJB** and **DAO patterns using Eclipse IDE.**
* Developed server-side services using **Java, Spring, Web Services (SOAP, Restful, WSDL, JAXB, JAX-RPC).**
* Research and development on scalable Linux development on **AWS via Docker**.
* Developed Struts Action and Form classes to access **Java Beans** and **UI** and deployed various Sessions beans.
* Involved in the Development of reporting system using **Struts, Spring, Hibernate** and **Web Services.**
* Developed the application using **RAD as the IDE** and used its features for **editing, debugging, compiling, formatting, build automation and version control (CVS).**
* Redesigned Web front-end for scheduling system using **HTML, CSS,** and **JavaScript,** with the **jQuery library.**
* Designed and build document tracking/workflow system with **HTML, CSS,** and **JavaScript** using **jQuery, JSON,** and **a REST architecture.**
* Wrote **JUnit** test cases to test the functionality of the code by using **Mock Framework.**
* Used **Spring Framework** for Dependency injection and integrated with the **Spring Web Flows.**
* Wrote test cases in **JUnit** for unit testing of classes and implemented the logging using **Log4j.**
* Built data access subsystems using **Hibernate** and **Spring** against stored procedures on a DB2 database.
* Design Client-side architecture for UI development using **Angular JS.**
* Development of modules using **Angular JS** and **HTML5.**

**Environment:**Java, JDK 1.7, J2EE, Servlets, MVC, Web Logic, Apache CAMEL(Integration), EJB, JSP, Struts, Spring, Spring Boot, Spring MVC, Spring IOC, Spring DAO, Spring AOP, JPA, Hibernate, XML, Net Beans.

**Client: Intergraph Corporation Pvt. Ltd Hyderabad, India June 2010 – May 2012**

**Position: Java Developer**

**Responsibilities:**

* Involved in analyzing the user requirements and specifications for deciding the flex component needed to be developed and their interaction. Involved in the design by preparing **UML** diagrams using **Microsoft Visio tool.**
* Developed **Bean classes** and **JSP** Pages.
* Developed user interfaces using Java Server Pages using **HTML, DHTML, XHTML, AJAX, CSS & JavaScript.**
* Used **JavaScript** and **AJAX** for client-side validations.
* Implemented the Web Services and associated business modules integration.
* Worked on generating the web services classes by using **Service Oriented Architecture SOA,WSDL, UDDI,** and **SOAP.**
* Developed and implemented the **MVC Architectural Pattern** using **Struts** Framework including JSP, Servlets and Action classes.
* Responsible for developing Use case diagrams, Class diagrams, Sequence diagrams and process flow diagrams for the modules using **UML** and **Rational Rose.**
* Extensive usage of J2EE design patterns namely **DAO, Value Object** etc.
* Used **Struts MVC framework** to define Controller, model and views. And involved in defining the configurations, listeners, internationalization etc.
* Used **CVS** as a version control system, an important component of **Source CM (SCM).**
* Developed the application using **Eclipse IDE.**
* Performed unit testing for modules using **Junit.**
* Provided source code documentation using **Java Doc** for future references.
* Monitored the error logs using **Log4J** and fixed the problems.
* Coded form Beans and Action classes associated with every **JSP page.**
* Used **SQL** and **PL/SQL** Programming extensively to talk to **Oracle** database.
* Responsible as CVS administrator and for deploying web application in the Oracle App Server.
* **JUnit,JMock** Frameworks were used for performing unit and integration testing by writing test cases.

**Environment:** JavaScript, JSP, Servlets, JUnit, Oracle 10g, Stored Procedures, XML, SQL Developer, Spring, and Hibernate, Maven, VSS and Windows XP OS.