**Pavan**

**pavan.tech64@gmail.com**

**(515)-423-0201**

**Professional Summary:**

* Over 7+ years of IT experience on Java/J2EE using Servlets2.5, JSP, Struts, Spring, Hibernate, XML, JavaScript's, and HTML.
* Experienced in Core Java, Collections, Multi-Threading, Exception handling, File I/O, Design Patterns, OOPS Concept.
* Implementation, testing, integration, and production support of the enterprise web application using **Java/J2EE** technologies/framework.
* Worked with web technologies like **JSP**, **HTML**, **Angular JS**, CSS, Servlet, Java scripts (used frameworks-JSON) **JQuery**, **MVC frameworks** (Struts, Spring MVC, IOC/DI, AOP) other frameworks (Hibernate, EJB, JUnit) and Database (Oracle, MySQL and DB2).
* Expertise in analysis, design, development, testing and implementation of Java/J2EE application using Java, **Spring**, **Hibernate**, **SOAP (JAX-WS)**, WSDL, SOA, **RESTFUL Web Services (JAX-RS)**, Jersey Framework, Servlets, JAXB, JSON, Java Script, XML, XSD, SQL and using tools like Axis 2.0.
* Worked with **ORM tools** such as **Hibernate** and proficient in **HQL**.
* Designed various modules of application/product with the knowledge of **design patterns** and **OOPS concepts**.
* Good experience in writing and performance tuning database queries and stored procedures using **Oracle**, **DB2** and **MySQL** databases.
* Experience in using **No-SQL databases** like, **HBase** and **MongoDB**.
* Good knowledge in usage of application and web servers such as JBoss, Tomcat and Web Sphere.
* Experience in **client side designing** and **validations** using HTML, CSS, JavaScript, **AJAX**, jQuery, **AngularJS** and **NodeJS**.
* Experienced in Development, Testing and Deployment of enterprise applications on **Windows, Linux and UNIX** platforms using **IDE's** such as **Eclipse, STS, Rational Application Developer (RAD), NetBeans, IntelliJ.**
* Experienced in Coding, testing, analyzing/fixing production defects/issues using Core Java & **J2EE technologies** and involved in code and design review process of team members.
* Experience in installing and configuring **MySQL**, **ORACLE** and **MongoDB** servers.
* Designed and developed custom **Mongo** applications specific to clients' needs and proficiency in multiple databases like MongoDB, Cassandra, **MySQL**, **ORACLE** and **MSSQL** Server. Worked on MongoDB database concepts such as locking, transactions, indexes, replication, schema design.
* Experienced in **TDD (Test Driven Development)** using **Junit**, **Selenium** and created technical design document containing architecture of the application/module/product.
* Experienced in Version Control Systems such as **SVN**, **GitHub** and used tracking tool **JIRA**.
* Experience in developing spring features like **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Heroku, Spring Security, Spring Integration, Spring Eureka, Spring Netflix.**
* Experience in **Microservices-Spring Boot, Pivotal Cloud Foundry and Spring Boot**.
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message **brokers and Developed data pipeline** using **Apache Kafka**.
* Good experience in developing dynamic websites using the **MEAN stack**.
* Expertise in **XML** and related technologies like **XSD**, **XPath**, **XSLT**, **DTD** and parsers like **DOM** and **SAX**.
* Excellent understanding of Object-Oriented design methodology and Core Java concepts such as **multi-threading**, **exception handling**, **generics**, **annotations**, **Collections** and I/O.
* Provided support and configuration services of IP data networks on continuous basis.
* Developed **RESTful** services using **NodeJS** Loopback Framework.
* Experience in build tools like **Ant** & **Maven**, logging with **Log4j**, Test Driven Development using Junit.
* Good programming and debugging skills in **Unix Shell Scripting**.
* Experienced in Document preparation including Design Documents, Technical help documents, User training documents and Test Cases.
* Excellent Organizational and interpersonal skills with a strong technical background.
* Self-starter, fast learner and a team player with strong personal and group communication skills.
* Has good ability to develop scalable, monitor able and maintainable solutions for using complex use cases on their own end-to-end at rapid pace.
* Excellent analytical capabilities and good communication skills.

**Technical Skills:**

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| **Languages** | C++, Java, J2EE, SQL/PLSQL, Python |
| **Operating Systems** | Windows 98/2000/XP/NT, Unix, MS-DOS |
| **Java Technologies** | J2SE, J2EE, JSP, Servlets, JDBC, JMS, MDB, JNDI, web Services, JSF |
| **Web/App. Server** | Tomcat, WebLogic7.0,10.0, and Web Sphere 6.1, JBoss4.5 |
| **Frameworks& Tools** | Struts1.1/1.2, JSF, Spring, MVC, Hibernate, JUnit, Maven, ANT, AJAX, Log4J, Eclipse, STS |
| **Web Technologies** | JSP, JQuery, XML, JSON, HTML, XSLT, JavaScript, CSS, DHTML, Servlets, JSF, Ajax, JSTL |
| **Databases** | ORACLE, DB2, SQL Server, MYSQL, Mongo DB |
| **Design & Modelling** | UML, Design Patterns, Agile SCRUM |
| **Tools/IDES** | Net Beans and Eclipse |
| **Build Tools** | ANT, Maven |
| **Version Control Tools** | SVN, GitHub |

**Professional Experience:**

**Client: Aviva Investors, Des Moines, IA July’2017 – Till Date**

**Role: Full Stack Developer**

**Responsibilities:**

* Extensively used Java 1.8 features such as Lambda Expressions, Parallel operations on collections for effective sorting mechanisms and new Date Time API.
* Used **Restful Web services** which is light weight, maintainable and scalable.
* Used **Java Persistence API (JPA)** framework for object relational mapping which is based on POJO Classes.
* Deployed **Microservices** to **Ansible Playbook** in **Docker** containers, managed by **Mesos/Marathon**.
* Performed Continuous Integration and Continuous Deployment (CI/CD) using Jenkins and Dockers.
* Developed web pages with cross browser compatibility using HTML, CSS, **JavaScript**, **jQuery**, **Bootstrap** and **AJAX**.
* Used **Elastic search** as the data indexer and query parser
* Used Spring Data JPA which focuses on JPA to store data in relational data base, by which simple Queries are written.
* Used **Angular JS** to address many of the challenges encountered in developing single page applications.
* **Spring Boot Microservices** were developed with microservice architecture using **REST** and **Apache Kafka**.
* Developed **Mongo** DB embedded documents from java code using spring data Mongo DB.
* Working with mongo consultants for work around and fixing up the mongo bugs.
* Worked on service-oriented systems that utilize **REST** web frameworks, **SOAP** and message queue technologies (Spring MVC, Spring REST Template, Spring Integration).
* Worked with **JSON objects** and **JavaScript** and **JQuery** intensively to create interactive web pages.
* Used **Oracle** as Database and Involved in writing **SQL scripts**, SQL code for procedures and functions.
* Worked with Elasticsearch and utilized NOSQL for non-relation data storage and retrieval.
* Implementing Swagger Configuration in Java **Spring Boot** for auto generating swagger JSON files for **REST API** call.
* Designed and developed functionality to get **JSON** document from **MONGO** **DB** document store and send it to client using RESTful web service.
* Worked extensively on the spring framework, implementing **Spring MVC**, **Spring Security**, **IOC** (dependency injection) and **Spring AOP** and used **SOA** for web-based applications.
* Involved in writing java API for **Amazon Lambda** to manage some of the AWS services.
* Used **GIT** and **SVN** for source control and **Jenkins** for continuous integrations.
* Developed web service client based on **WSDL's** provided by middleware team for retrieving bill credits and customer agreement data from backend systems.
* Involved in deployment of application on **WebLogic Application Server** in Development & QA environment.

**Environment**: Java 1.8, Spring, SQL, Eclipse, JSP, Servlets, JMS, XML, Ant, XSLT, JSON, SVN, Git, Oracle 11g, JPA, Mongo DB, RESTful, Microservices, Spring MVC, Bootstrap, Spring Data JPA, Jenkins, AngularJS, WebLogic 7.0, SOA, JavaScript, Maven, PL/SQL J unit, Web Sphere.

**Client: Siemens Medical Solutions, Malvern, PA Mar’2016 – June’2017**

**Role: Sr. Java Developer**

**Responsibilities:**

* Involved in the development of presentation tier using HTML, CSS, **Bootstrap**, **Angular JS** and **JSP**.
* Applied **J2EE Design Patterns** such as Factory, Singleton, and Business delegate, DAO, Front Controller Pattern and MVC and actively used OOP concepts.
* Used Java script and AJAX to query the Elastic search indices, format and display the JSON results in a web page using HTML and CSS.
* Software is built as a web app on Node.JS, CSS is compiled with LESS and HTML template engine is Jade.
* Experience in developing web applications using Spring, EJB, **Hibernate**, **MDB**, **JDBC**, Java Server Pages, Servlet, Web Services, JavaScript, JavaBeans, POJO's and Log4j.
* Extensively used AJAX technology to add interactivity to the web pages.
* Used **AngularJS** to address many of the challenges encountered in developing **single page applications**.
* Designed and developed various modules of the application with **J2EE design architecture**, Spring MVC architecture using **IOC**, **AOP** concepts.
* Having experience in various **RDBMS** databases like **Oracle**, **SQL** **server**, **MySQL**. And **NoSQL** database like **MongoDB**.
* Worked on implementing current **Rest web services** to one of cloud computing services **AWS**.
* Used **SOA** and **SOAP UI** for web-based applications.
* Responsible for designing Rich user Interface Applications using **JavaScript**, CSS, **HTML** and **AJAX**.
* Used **Oracle 11g DB** and actively involved in writing PL/SQL functions and packages.
* Used **Spring Data JPA** which focuses on JPA to store data in relational database, by which simple Queries are written.
* I worked on a task to decrease database load for search and moved some part of search to **Elastic Search** search engine.
* Created Mongo **DB**/**NoSQL** collections. Developed Server-side automation using **NodeJS** scripting and connecting different types of SQL and **NoSQL** stores.
* Good knowledge of **EJB Session** beans with **JNDI** mapped naming & **JMS** message-driven beans.
* Used **Jenkins** which is an open source continuous integration tool written in Java which provides **Integration services** for software development.
* Used **Hibernate** for mapping an object-oriented domain model to a traditional relational database.
* Logged issues and **bugs** with **Jira**, created and participated in code reviews using **Crucible 2.0/3.0**.
* Used **Spring Core Annotations** for Dependency Injection **Spring DI** and Spring MVC for REST APIs and **Spring Boot** for micro-services.
* Implemented the application using **Spring Boot Framework** and handles the security using spring security.

**Environment**: Java 1.7, JDK, Spring 5, Hibernate 4.0, JNDI, AJAX, Web Services, Bootstarp, Eclipse, AWS Lambda, Micro Services, Restful Service, Jenkins, Spring Data, XML, JSON, Mongo DB, Git, JUnit, JavaScript, Angular JS, JIRA, CSS, JavaScript, Web logic, Spring MVC, SQL, SOA, Oracle 11g, SQL, IBM Web Sphere, Log4j, UNIX.

**Client: Larsen & Toubro InfoTech Limited - Mumbai, India Sep’2013 – Oct’2015**

**Role: Web Developer**

**Responsibilities:**

* Worked on AGILE based development Environment and used SOAP based Web Services from scratch to develop interfaces to integrate between front end system and back end systems.
* Designed and Developed dashboard menu section, Home page, Admin home page, user module (Modify/ search users, create user's screens with assigning various roles) using Spring MVC framework, Hibernate ORM Module, Spring Core Module, XML, JSP, JQuery and XSLT.
* Research and Execution of **JavaScript Frameworks**, including Angular JS and Node JS.
* Configured and implemented **Spring AOP** for transaction management, logging and performance tracking and Used **Maven** to build and deploy the application.
* Involved in creation of Soap Web Services, WSDL and web methods with Annotation in hibernate, implemented Web Services in JAXP based on SOAP protocols using XML and XSLT.
* Hibernate outline work is utilized as a part of perseverance layer for mapping an article situated area model to a social database.
* Deployed application into **Docker** container and monitored on **GitHub**.
* Used **Jenkins** to deploy the applications onto **Dev, QA, UAT** environments and Involved in configuring builds using **Jenkins**with **Git**.
* Used **Spring DI**, **Spring DAP** and **JDBC** Template in the persistence layer for GPS, backend being Oracle10g.
* Responsible for creating tables in development schema and wrote oracle packages, procedures and functions in **Oracle 10g**.
* Used Web/application servers such as **Tomcat** and **JBoss**.
* Created test cases for DAO Layer and service layer using **JUnit** and bug tracking using **JIRA**.

**Environment**: Java 1.6, HTML 5, XML, Maven, Hibernate, Spring AOP, JSP, Spring MVC, Junit, JIRA 4.0, JavaScript, JQuery, Angular JS, Node JS, AJAX, JBoss, SOAP, JAX-WS, WSDL, Oracle 10g.  
Additional Information.

**Client: XT Global, Hyderabad, India. May’2011 - Aug’2013**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in requirement analysis and documentation of workflows & functional diagrams.
* Designed J2EE framework, which generates different screens, based on access level using session beans, JSP & XML. Developed HTML forms & client-side validation using JavaScript.
* Wrote classes to parse XML to display data on UI.
* Implemented **Session Tracking** and **User Authentications**.
* Involved in designing and implementation of complete admin module using HTML, XML, JSP, Multithreading, servlets and **Java Beans** classes.
* Developed an environment where a JSP file is requested which in turn uses a Java bean that generates and sends a form associated to XML Schema.
* Experience working with **MySQL server**, stored procedure, design pattern, etc.
* Created multiple **web-based forms** using Tiles, Servlets, JSP, JSTL, and JavaScript menus.
* Implemented JSP custom tags, developed Struts Actions, Action Form, and Value Objects for presentation tier.
* Similarly, **JavaScript** applications were also developed to support validation and interaction for **presentation layer**.
* Implemented the nested tag concepts of the **Struts tag libraries**.
* Implemented Web Services to propagate business logics to different clients through **SOAP protocol**.
* Wrote Test scripts using **JUnit**.
* Used web services for data exchange using SOAP and WSDL.
* **Hibernate** was used for object/relational persistence and query service.
* **Log4j** was used of logging and debugging purposes.
* Interfaced with the client team and development team during acceptance testing and dry runs on the production systems.
* Developed **Action Classes** and **Java Beans** using Spring MVC architecture.
* Developed Service Classes for business logic and DAO's for Data Base.

**Environment**: Java/J2EE, Struts, JSP, Web logic, Oracle, SOAP, Multithreading, Web services, Hibernate, MySQL, Design Pattern, Shell script, Log4j, JUnit, Unix.