**Praveen Indrakanti**

**704-255-5023**

[**praveenindrakanti@kryptondigital.com**](mailto:praveenindrakanti@kryptondigital.com)

**Professional Summary:**

* **8+** years of experience in **Java/J2EE** with full **Software Development Life Cycle** – **Software analysis, design, architecture, development, testing, deployment,** and **maintenance.**
* Extensive experience as a Java/J2EE Programmer in developing web based and client server applications using **Java, J2EE, JSP, Servlets, JMS, Hibernate ORM, JPA, Spring, Spring Boot, Spring Data JPA, Spring Integration, Web Services, JDBC, XML, HTML5, CSS3, JavaScript.**
* Strong experience in **Core Java** with multithreading, Concurrency, Generics, Data structures and Collections.
* Working with **Java Design Patterns** including **MVP, Factory pattern,** **Singleton, Session Facade, Front Controller, DAO, DTO and MVC**.
* Extensive experience in creation and maintenance of **mapping files in Hibernate**.
* Extensive experience with **Spring Core, Spring MVC, Spring IOC, Spring-based Annotations, Spring Boot, Spring AOP, Spring Security and Hibernate ORM.**
* Experienced in developing projects based on **RESTful Web Services, SOAP Web Services, Apache CXF, WSDL and AWS.**
* Involved in producing &amp; consuming SOAP based &amp; Restful web services using **WSDL, SOAP JAX-WS, JAX-RS, AXIS, CXF, SOAP UI** etc.
* ExperiencedinFront-End UI design implementations by writing **HTML5/HTML, CSS3/CSS, Bootstrap,XML, AngularJS, JavaScript,JSON,AJAX, jQuery, jQuery UI, jQuery Mobile**to make better Single Page Application SPA working on**Node.JS Server**.
* Experienced in using databases like **Oracle, MySQL, SQL**, **PL/SQL**, **Triggers** and **Stored Procedures**
* Experienced with various application/web servers like **WebSphere,WebLogic, JBoss and Tomcat.**
* Experience in message handling by using **Java Messaging Services (JMS) API, Apache Kafka etc.**
* Extensive experience in various **Agile** methodologies like **Test Driven Development (TDD), SCRUM.**
* Developed **Service Oriented Architecture (SOA)** based J2EE applications.
* Experienced working in **monolithic and microservice-based architectures.**
* Used version control tools like **Github,Subversion and CVS, SVN.**
* Used **Jenkins** as CI/CD tool for integrating different code components.
* Implemented security and authentication concepts in applications using **OAuth 2.0, SAML**.
* Used **AWS** as cloud platform leveraging its services and **EC2**.
* Designing highly available, cost effective and fault tolerant systems using multiple **EC2** instances, Auto Scaling, Elastic Load Balance and AMIs.
* Experience in working with IDE’s like **Eclipse, Net Beans**, and **IBM RAD**.
* Determining issues as they emerge with **JIRA** Projects and Confluence in a combined effort with **JIRA**.
* Knowledge on Build Tools like **Ant, Maven** and logging tools like **Log4J**.
* Involved in developing test cases and test plans using testing frameworks like **JUnit,** **Mockito**, **TestNG** and used API testing tools like **SoapUI** and **Advanced Rest Client**,**Postman.**
* Extensive experience in working with **Windows, UNIX and LINUX** platforms
* Performed Code review and applied performance tuning techniques to improve the query performance.
* Has the motivation to take independent responsibility and be a productive team member, accompanying a strong programming along with good verbal and analytical skills.
* Continued learning of new technologies that will allow for a more effective design and implementation.
* Excellent track record of leading end to end implementation and integration projects to successful completion under tight deadlines.
* Intellectual capacity to grasp new situations quickly and problem solving skills.
* **Willing to relocate: Anywhere.**

**Technical Skills:**

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| **Languages** | C, C++, Java , Python, PL/SQL, XML, Shell Scripting |
| **J2EE Technologies** | Servlets, JSP, JMS and JDBC. |
| **Web Technologies** | HTML, JavaScript, CSS3, Ajax, JSON, jQuery , AngularJS, HTML5 and Bootstrap, EJS. |
| **Frameworks** | Spring, Spring Boot, Spring JDBC, Hibernate, Struts. |
| **Web Services** | JAX-WS, JAX-RS, WSDL, JAX-RPC, JAXB, Chrome Advanced REST Client, , OAuth Apache CXF, Postman, Spring Data, AWS, Curl, Jersey, Apache Axis2. |
| **Web/Application Servers** | Apache Tomcat, GlassFish 3, IBM WAS, WebLogic 11g and JBoss. |
| **Databases** | Oracle 11g/12c, MS SQL, MySQL, PL/SQL,NoSQL, PostgreSQL and DB2. |
| **Operating Systems** | Windows, UNIX and Linux,Mac OS. |
| **Version Control Systems** | CVS, SVN- Tortoise SVN, GitHub. |
| **Build Automation Tools** | IBM Bluemix Badge, Selenium, Maven, Gradle , Ant, Bamboo, Jenkins,. |
| **Design Patterns** | MVC, Singleton, Factory pattern, DAO Pattern,DTO, Template,Session Facade, Front Controller, MVC. |
| **Testing Tools** | TDD, Junit, Mockito, Log4j, TestNG,Advanced Rest Client, Postman. |

**Professional Experience:**

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| **Client: Comerica Bank , Dallas, TX Jan 17 - Present Role: Java/J2EE Developer**  **Project: Transaction Viewer** |

**Project Description:**

Transaction viewer UI is an application developed for clients to check the status of the transactions the client uploads through a file. This UI enables the client to log in to the system and choose the file he uploaded; client will be rendered the transactions of that file. Each transaction contains summary information like the amount status etc. 

**Roles & Responsibilities:**

* Used Agile Methodology for developing project.
* Worked with Business Analysts and project managers to develop multiple features in parallel.
* Developed GUI layer using Java Script, jQuery, Angular JS,HTML5 and CSS.
* Developed custom angular routes for application based on the user navigation to load pages.
* Spring MVC framework was used as the controller lawyer in back end to take care of the requests in the application.
* Developed and consumed  RESTful web services to retrieve configuration JSON documents related to customer.
* Implemented persistence layer using Hibernate that use the POJOs to represent the persistence database.
* Used parsers like SAX and DOM for parsing xml documents and used XML transformations using XSLT.
* Used Jenkins for Continuous Integration and Build tool to deploy applications and used Git as a version control tools.
* Deployed application into AWS cloud environment using services like EC2,S3.
* Build scripts on AWS cloud for scheduling EC2 auto scaling load balancer.
* Performance analysis was performed on WebSphere server in the development environment.
* Used frameworks like Karma and Jasmine for implementing TDD and BDD in our projects.
* Worked on Oracle 10g, stored procedure and made calls from DAO layer.
* Worked on Junit framework for PFS application.

**Environment:** Java 1.8, Spring MVC, AOP, Hibernate, JAX-RS, Log4j, IBM RAD, ANT, MAVEN 3, Jenkins, JIRA, UNIX, Git, LDAP, JavaScript,jQuery,Angular JS,HTML5, CSS,AWS-EC2,S3,WebSphere,Junit.

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| **Client: SuperValu, Inc., Minneapolis,MN Oct 2014 – Dec 2016**  **Role: Java/ J2EE Developer**  **Project: Content Distribution System** |

**Project Description:**

SuperValu operates a complete range of grocery formats and merchandising programs that address the unique preferences of the communities that come under their service.

SuperValu has 8 major banners under it some of which are: Cub Foods, Shop n Save, Shopper’s Stop etc. Worked on the existing legacy code for an online shopping cart, that consisted of a customer profile and the associated coupons from various banners. Worked in collaboration with Inmar to provide the details of the coupons to Logix and Prologic. This project was implemented using Spring and Hibernate for ORM.

Worked on the Content Distribution System, a microservice-based architecture, that made use of the legacy shopping cart application and a shopping list web service endpoint to provide an efficient way of performing online grocery shopping. This project was started from scratch by implementing it in Spring Boot.

**Roles & Responsibilities:**

* Identified exceptions for the existing legacy shopping cart application and logged them to help with troubleshooting.
* Worked on the profile web service endpoint which help build customer profiles from the information provided.
* Worked on the coupon web service endpoint which ensured the successful creation of the coupons in accordance with the specs provided by the banners such as Cub Foods, Shop n Save etc.
* Worked on the push-notification web service endpoint which provided the services of sending a notification into the mobile devices.
* Developed CRUD operations for the Content Distribution System that takes a coupon and Logix payload from Edeals/DPP using Spring Boot and Spring JPA
* Used Spring to integrate with the existing legacy application.
* Used Hibernate ORM for mapping the data into the database.
* Used SQL Developer for verifying the database information and worked with Apache Cassandra as a trial for the project.
* Enhanced an existing Java micro-service to retrieve specific customers for a store location based on the user IDs provided.
* Ran tests on SoapUI and Postman for the respective SOAP and REST implementations of the endpoints.
* Worked with Git for version control.
* Worked on Spring Tool Suite plugin for Eclipse for the project.
* Logged exceptions on existing application using Log4J.
* Created tasks in JIRA during Sprint iterations.
* Used Tomcat Apache server for deploying the applications on the develop branch.
* Installed and configured Docker in collaboration with Spring Boot.
* Used Maven as a build management tool.
* Built the endpoints using Jenkins and pushed tasks into QA for testing.
* Performed code reviews for the team using Crucible.
* Worked in an Agile environment with daily Scrums.
* Implemented Creational, Structural, Behavioral design pattern as per application requirements.

**Environment:** Java 1.7, Spring 3.x, Hibernate, Soap, RESTful web services, Apache Tomcat, Maven, Atlassian Jira, Crucible, SoapUI, Postman, Eclipse Mars v.2, Git, Spring Boot, Microservices, STS plugin for Eclipse, Spring Data JPA, Docker, Apache Cassandra.

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| **Client: Ohio Farmers Insurance (Lodi, OH) Apr 2013 – Sept 2014**  **Role: Java/J2EE Developer**  **Project: E-Surety** |

**Project Description:**

E-Surety is a web application for Ohio farmers insurance which processes bond and policy information of users. It receives data feeds from external services for credit score evaluation services.

**Roles & Responsibilities:**

* Involved in various Software Development Life Cycle (SDLC) phases of the project which was modeled using agile development methodology.
* Participated in sprint planning sessions to gather business requirements.
* Worked with core java concepts like Collection, multithreading etc.
* Used Design Patterns like Singleton, Factory, Strategy, Façade, DAO, DTO and MVC.
* Designed and Developed UI screens using JavaScript, JQuery, JSON, CSS3 and HTML5.
* Implemented different validation controls on web-pages using Angular JS framework.
* Used features of Spring Core layer (IOC), Spring AOP and Spring DAO support layer in order to develop the application.
* Worked on Spring MVC such as Controllers and connecting the services using spring annotations and dependency injection mechanism.
* Used Hibernate/JPA/EhCache based DAO layer using annotations for ORM mapping.
* Integrated RESTAPI with spring for producing resources using Spring Rest Templates and developed RESTful web services interface.
* Implemented Single Sign-On (SSO) functionality to facilitate users to access application

Modules seamlessly.

* Involved in working with MongoDB in document oriented database using JSON format.
* Used Eclipse IDE and Microsoft Team File Server to develop and maintain source control.
* Used development tool Maven, Jenkins for developing and continues integration and proficient working with a Unix/Linux operating system.
* Enhanced an existing Java micro-service to retrieve specific customers for a store location based on the user IDs provided.
* Experience in Designing and deploying AWS solutions using EC2.
* Developed Junit test cases for unit testing and integration testing.
* Involved in using OAuth 2.0 for establishing trust with external services.
* Adopted Test-Driven Development (TDD) methodology to test application behavior and configured and customized logs using Log4J.
* Tested the Web services using SOAP UI Client tool.
* Provides 3rd level and production support on system stability and memory performance issues.
* Addressed OWASP top 10 vulnerabilities.

**Environment:** Java 8, Maven ,Spring core, AOP, MVC, Batch, Boot, Micro Services, Hibernate, JAX- RS, Junit, log4j, Moc006Bito, Node Js, NoSQL, Mongo DB, Jenkins, Dockers, Elastic search, Unix, JIRA, HTML5, CSS3, JSP, Java Script, JQuery, Ajax, JSON, React JS, Express JS, Angular JS , Oracle 11g, OAuth 2.0, Git, Jenkins, Soap UI, AWS.

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| **Client: Emblem Health, NY Jun 2012 –Mar 2013**  **Role: Java/ J2EE Developer**  **Project: Benefit Administrator** |

**Project Description:**

Benefit Administrator is a Client Website application used by Account Management to document Client requirements installs and update benefits for functional areas. It is mostly based on benefits of Insurance. It is a data repository and an auditable system of record for all Client requirements. The project consists of multiple modules, like CBM (client benefit manager). It manages the status of each Client requirement from initial entry through functional area review and Client approval process.

**Roles & Responsibilities:**

* Involved in Analysis, development, testing, integration and deployment of the web services.
* Involved in Agile methodology to get updated with team
* Involved in development of User Interface using HTML5, CSS, JavaScript, and jQuery, AJAX and JSON.
* Used spring framework to implement the MVC design pattern.
* Used hibernate to map the domain elements and Criteria API, named query for querying
* Developed the REST web service using Spring IOC to provide user a way to run the job and generate daily status report on loans
* Extensively involved in developing and consuming Restful webservices.
* Wrote complex SQL query to pull data from different tables to build the report.
* Used SFTP and JSch to send the file directly to the specified folders for end user.
* Used Log4jerror handling, to monitor the status of the service and to filter bad loans
* Used IBM cruise control to build the WAR file
* Used Weblogic to deploy the changes and to test on local machine
* Committed the code changes to SVN using Tortoise SVN
* Developed Junit test cases, to test each class as part of unit testing.

**Environment:**Java 1.6, Struts, Spring IOC, Oracle, Hibernate, JavaScript, jQuery, Weblogic, SQL, HTML, XML, Agile, Restful Webservices, ANT, Junit, SQL Developer, JMS, Eclipse, Log4j, HPQC.

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| **Client: Marriott International, Bethesda, MD Jun 2010 – May 2012 Role: Java Developer Intern**  **Project: Mobile Reservations - DSAP** |
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**Project Description:**

Marriott Reservation System for Hotel Accommodations (MARSHA) is very critical system for all the Marriott operations. One of the components of MARSHA is Reservations. All the operations related to reservations (Quote/Book/Update/Cancel) are done through the Reservations component. Reservations can be made from a Marriott International’s website or Marriott’s mobile application (Apple/Android).

**Roles & Responsibilities:**

* Worked on integrating JSP views with Spring to develop presentation layer.
* Involved in full stack development of the application using HTML, CSS and JavaScript framework for creating dynamic rich functions.
* Developed and involved in designing the UI layer with HTML along with JavaScript and AJAX as the front-end validation layer.
* Created Responsive Layouts for multiple devices and platforms using Bootstrap library.
* Provided detailed deployment steps for all environments and oversee the deployment.
* Extensively used Hibernate/JPA and Spring-JDBC in data access layer.
* Conduct team meetings, knowledge transfer sessions to both Offshore and Onsite teams.
* Provided weekly updates to Project Manager.
* Responsible for documenting various processes and procedures.
* Troubleshoot and resolve all the issues in Test, UAT & Production environments.
* Troubleshoot and fix issues in an existing Restful Web Service.

**Environment:** Java, Hibernate, Spring, WebLogic, Spring Tool Suite, GitHub, Maven, Jenkins, UNIX.

**Education:**

**Master of Science in Computer Science**

Rivier University, New Hampshire, USA

**Bachelor of Technology in Computer Science**

JNTUK, Andhra Pradesh, India