**Preeti** [uidev007@gmail.com](mailto:uidev007@gmail.com) **+1(515) 309-9862**

**Sr.J2EE/UI DEVELOPER API DEVELOPER**

**PROFESSIONAL SUMMARY:**

* **Around 8+**years of progressively responsible experience in Requirement Gathering, Planning, Development, Testing, Documentation, Web and Client Server Technologies in N-Tier J2EE Architecture.
* Worked in **Agile/SCRUM** and **Waterfall** development methodologies with Scrum Master Experience.
* **Experiencedin 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, IntelliJ14.x/15. x.**
* Experienced in designing and developing enterprise and web applications using Java 7/8**, Servlets, JSP, JDBC, JNDI, JPA, JAX-WS, Struts, EJB, Spring, Hibernate, Scala, SOAP, REST, AWS, JMS, XML, JUnit**.
* Expertise in developing UI with **JavaScript,Bootstrap**, **HTML5**, **CSS3**, **Angular 2/4**, **React JS,Backbone JS**and **Node.js**.
* Hands on knowledge on building API which is used in developing **RESTFUL** web services in **Node.js**
* Experienced in developing Web Services with **Python** programming language.
* Experience in writing client-side code using **React JS** and used **NPM**&**gulp** directories to generate the server environments using **browserify** and **flux** to manage with targeted URL's (Uni-Directional data flows).
* Hands-on experience in migrating to Cloud Platforms such as **AWSand Pivotal cloud foundry(PCF).**
* Proficient in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, REST, Spring Boot, microservices.**
* Experience in implementing Design Patterns like **Singleton, Factory, Session Façade** and **Data Access Object**.
* Experience in using various AWS Components like **EC2** for virtual servers, **S3** and Glacier for storing objects**, EBS, Cloud Front, Elastic cache, IAM, S3, SQS, Cloud Watch, Cloud Formation** and **Dynamo DB**.
* Developed multiple POCs using **Scala** and deployed on the **Yarn cluster, performance of Spark, Cassandra and SQL.**
* **Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes with relational databasesusing Hibernate Query Language (HQL), HSQL Named Queries, Criteria and Projections.**
* Expertise in implementing Service Oriented Architectures (**SOA**) with XML based Web Services (**SOAP/REST**).
* Experience in developingAndroid applications using **Android Studio**,**Android SDK** and ADT development tools.
* Understanding on big data technologies like **Apache Hive**, **Kafka**, **Hadoop** and Apache Spark Using **Scala**.
* Strong experience on DevOps essential tools like**Docker**, **Kubernetes**, **GIT**, **Jenkins**.
* Expertise in Selenium automation using **Selenium WebDriver, Selenium Grid, JAVA, JUnit & Maven.**
* Experience in working on modern MEAN Stack- **MongoDB, Express, Angular,** and **Node.**
* Experience in database modeling, design and development of **PL/SQLstored procedures**, **packages** in relational databases like **Oracle 10g/11g**, **IBM DB2**, **MySQL, Sybase**, **SQL Server 2000 and MongoDB.**
* Experience in software configuration management using version control tools like **Git**, **CVS**, **SVN** and **IBM Clear Case.**
* Knowledge of **Spark** and **Hadoop** and various components such as **HDFS, YARN**, **Data Node** and **MapReduce**.
* **Experience in working with web servers like Tomcat 8, WebSphere 8, Jetty, JBoss 7.1.0 and WebLogic 10.0.**
* Good working knowledge of **ANT, MAVEN** and **Log4J** and used **Jenkins** for Continuous Integration.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java 1.8, J2EE, Scala 2.12.1, Python |
| **Web Technologies** | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlet API 3.0 |
| Frameworks | Spring 4.3, Hibernate 4.3, Angular JS 2.0/4.0, Spring Security 3.2 |
| Application/Web servers | Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, Jenkins 2.50, WebSphere MQ 7.5 |
| Relational/ No SQL databases | Oracle 10g/11g, SQL server 2014/2016, MySQL 5.7, DB2 11.1, MongoDB, Cassandra |
| Internet Technologies | HTML 5, JavaScript 1.8, XML 2.0, CSS 3, jQuery 2.11, Angular JS 2.0/4.0, BackBone.JS 1.3.1, Polymer.JS, Node.js 6.0. |
| Web Services | SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS, |
| Cloud Environments | Azure, AWS, Netflix Eureka, Mesos, Kubernetes. |
| IDE | Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3 |
| Methodologies | Agile, waterfall, TDD (Test-Driven-Development), Scrum |
| Build Tools | Ant 1.10, Maven 3.3.9, Gradle 3.4.1 |
| Bug Tracking Tools | JUnit 4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36 |

**PROFESSIONAL EXPERIENCE:**

**Client**: **Optum, MI**

**Role**: **Sr. Java/J2EE FULLSTACK DEVELOPER Duration: Oct 2016 – Till date**

**Description**: (OIL) Optum Integration Layer is a middleware integration service layer which performs structure validation, consumes services published by backend providers as either a SOAP or Rest Service and publish these Services as Both SOAP and REST Services with additional specifications on demand of the customers.

**Responsibilities:**

* Have worked in **Agile** development process following **SCRUM** methodology, Sprint and daily stand-up meetings.
* Used **JIRA** for various tasks like assigning, tracking, reporting and auditing various issues in the applications.
* Developed cross browser as well as multi browser compatible web pages by using **HTML5**, **CSS3** and **Bootstrap.**
* Have written SPA (Single page web applications) using Restful web services plus **AJAX** and **Angular**.
* Used **Node.js** for non-blocking design operation for server side code and **AngularJS** for developing UI components.
* Developed the RWD UI pages using **HTML**, **XHTML, jQuery**, **HTML5**, **AJAX**, **CSS3**, **AngularJS** and **Node.js**.
* Implemented Error Handling for operations as per Standard **HTTP ERROR Codes**.
* Implemented Resource and Data Service Bundles based on **APIENGINE** framework for Document Services and exposed document Service as both REST and SOAP service.
* Developed Responsive Single Page Applications (SPA) using **React JS** and rendering pages on the server side.
* Have extensively used **Java8**Streams, **Lambdas, Predicates** and **filters** in order to process Order data.
* Created, produced and consumed **REST web services** to serve user requests and for third party system interaction.
* Extensively used various design patterns like **MVC**, **Factory**, **Template**, **Delegate** and **Singleton** design patterns.
* Used **Spring** Framework including **Spring** Core/IOC, **Spring** **AOP, Spring LDAP**,**Spring ORM** and **Spring Batch**and implemented the authentication, authorization, and access-control features by making use of **Spring** **Security** feature.
* Implemented the application using **Spring Boot** Framework and handled the security using **Spring Security.**
* Built **Microservices** using **Spring Boot**, Netflix OSS, Spring Cloud and deploying to **AWS Cloud**.
* Implemented Spring MVC **RESTful** services and consumed via **HTTP** services from **AngularJS** application.
* Developed **Hibernate** with **Spring Integration** as the data abstraction to interact with the database of **MongoDB**.
* Involved in writing **Hibernate Criteria queries, Transactions** and SQL queries for the Data access layer.
* Implemented **Multithreading via Executor Service** to process data in chunks to improve performance.
* Developed **Microservices** to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA**.
* Worked with **NoSQL** database **Mongo DB** and worked with it to perform many different operations.
* Created data as a service (DaaS) based Restful (Jersey) web service with **Mongo DB** data store running on **Tomcat 9**.
* Developed unit tests with **JUnit** and **Mockito** and have written automated regression tests using **JMeter**.
* Have written **Jasmine** unit tests using **Karma** to verify **AngularJS** modules and JavaScript utility routines.
* Hands on experience with **Spark** streaming to receive real time data making use of **ApacheKafka**.
* Developed **CI/CD** pipeline and build tasks to run the unit tests on **Jenkins** and maintained separate build in **Maven** for the module for easy integration to the portal build and configure with **Jenkins (Integration tool)**.
* Used **Apache Camel** for Beans Binding and seamless integration with Spring Frameworks and for routing unit test.
* Worked on **Selenium** Data Driven framework and integrated it with **Maven** [Build Management Tool].
* Used Rational Application Developer (RAD) as IDE tool for developing the various enterprise applications.
* Implemented **AWS** solutions using **EC2 instances, S3, RDS, EBS**, Elastic Load Balancer, Auto scaling groups.
* Used Amazon S3 buckets for storing and retrieving the media files related to the application.
* Worked on creating the **Docker** containers and **Docker** consoles for managing the application life cycle.
* Created business rules and business flow making use of **JBPM(Java Business Process Model).**

**Environment:J2EE, Java 8, Streams, Spring framework, Spring MVC, Hibernate, AngularJS , SOA, Web Services, Microservices, XML, NodeJS, jQuery, Jenkins, Selenium, Maven, JUnit, Mockito, JavaScript, Docker, Agile Methodology, Mongo DB, Kafka, Apache Camel, AWS.**

**Client**: **Apple, San Jose,CA**

**Role: Sr. Java Full Stack Developer Duration: Mar 2016 – Sep 2016**

**Description**:Contact Apple Support (CAS) is an Online Support Application to provide the solutions to the issue with customer's Apple products. It provides application support in different ways based on the products, symptoms and customer geographical location.

**Responsibilities:**

* Worked on an **Agile** (Scrum) Development Team to deliver regular updates to business team and project managers.
* Involvedin designing and developing the web pages using **HTML 5, CSS3, JavaScript, Bootstrap, SASS, React JS.**
* Responsible to Style, look and feel of the web page with **SASS** that extends CSS with dynamic behavior.
* Involved in implementing **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Developed responsive and interactive **site** using **Bootstrap** that fits devices of different visual sizes.
* Implement front end screens using **React JS** and used various predefined components from NPM and redux library.
* Involved in developing the **Angular MVC framework** for the Single Page Application development.
* **Improved source code maintenance which resulted in significant code reduction, ease of upgrade, scalability, ease of developer spin and superior performance by refactoring the existing AngularJS application.**
* Using **EXTJS**, developed interactive cross platform web application using **Ajax, DHTML and DOM** scripting technique.
* Used custom tag libraries and **Spring MVC** framework to implement web based applications.
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring Batch and Spring Boot** and handled the security using **Spring Security** and Involved in writing Thread Safe blocks for multithread transactions.
* Created **Spring Batch** Repository to track the errors, job execution steps and timing information.
* Designed and developed **Microservices** using **REST framework and Spring Boot.**
* Developed the application using **Spring core, Spring MVC and IOC/Dependency Injection**and integrating different layers of the application and Developed a prototype using **AngularJS** and **Spring Boot** based REST web services for converting the MVC (Model View Controller) application into browser based single page application.
* Used **Data tables** to populate large datasets, and perform operations like **searching** and **sorting**.
* Used **Microservices** to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA** approach.
* Used **Java Messaging Services** (JMS) for reliable and asynchronous exchange of important information
* Developed Participated in solving **cross browser** issues and designed layout for screens with different resolutions.
* Developed the web application to serve the **JavaScript** application using the **web socket** solution provided by play.
* Used **Dimensions** for version control. Wrote **Scala** classes to interact with the database.
* Worked with NoSQL database **MongoDB** and worked with it to perform many different operations.
* Experience in using **MongoDB** data models document, key-value & wide column, or graph model.
* Deployed the Application into **Docker** container and made easily accessible at runtime using Cloud Foundry and other cloud services like **AWS, Netflix Eureka, Spring Hystrix** as fallback method, **Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka and Zookeeper**.
* Used **Karma (Jasmine)** for JavaScript Unit testing and Protractor for E2E testing.
* Used **Maven** as a build tool for the applications and used **Singleton design pattern** for web application.
* Performed **regression testing** and continuous integration testing using **Jenkins** automation tool.
* Setting up highly test execution builds with **Jenkins CI server** on slaves which are configured on AWS.
* Developed **Restful Web service** using **Jersey** and implemented **JAX-RS** and provided security using SSL.
* Clearly communicating to team members about the test case results and bugs uncovered.
* Analyzed business, functional and systems requirements and performed project/product management in a fully **Agile Scrum** development environment with **TDD,** continuous integration and Pair programming.

**Environment: Cassandra, J2EE, Java 1.7, Spring framework, Spring MVC, Hibernate, JSP 2.0, AngularJS , Web services, XML, AWS, JQuery, Kafka, JavaScript, Oracle 10g, WebLogic, Agile Methodology, Design Patterns, Apache Maven, XSLT, HTML 5, UNIX.**

**Client: Hyundai Motor, Fountain Valley, CA**

**Role: Sr. Java/J2EE Consultant Duration: Sep 2015 – Feb 2016**

**Description**:HYUNDAI has multiple projects like Socrates provides AHFC & HCFI with a data repository featuring certifiable SOX controls that may be efficiently accessed by various accounting and finance users in support of their varied analytical and reporting requirements. Beneficiaries are from Accounting and Financial Reporting departments. Analysis is provided for and not limited to: Credit Loss, Residual Value Loss, Financial Planning, Financial Reporting, Sales Tax and Incremental Depreciation.

**Responsibilities:**

* Responsible for requirements capturing & preparing software requirements specification.
* Developed the application using the Agile methodology and followed **TDD**, Scrum, pair programming methods.
* Designed the front-end applications, user interactive (**UI**) web pages using technologies like **HTML, XHTML,** and **CSS**.
* Used **Spring Security** to provide authentication, authorization, and access-control features for this application.
* Involved in developing the multiple enterprise applications, which are developed using **Spring MVC** framework, **Hibernate(object Relational Mapping)**framework, **Prime faces**, **RESTful** web services(Jersey).
* Implemented Stateless beans as web services using **SOAP**and developed application using **CSS** pre-processors
* Used **JQuery** to make the application interactive and used **JSON** objects effectively for efficient client side coding.
* **Ajax** method of **Prime faces** is used to call **RESTful** web services from the client **User Interface.**
* Involved in **(OOAD) Analysis & Design** and prepared the technical documents for a distributed architecture at the enterprise level and used AJAX for server side validations, auto loading of data and to improve performance.
* Used Apache’s **Jakarta STRUTS 1.2** as MVC framework for designing of the complete Web tier.
* Designed patterns implemented such as **Singleton, Front Controller, Factory pattern, Data Access Object.**
* Built Web pages that are more user-interactive using JQuery plugins for Drag and Drop, AutoComplete, **AJAX**, JSON.
* Developed single page application with **Ext Js 4.2** framework, Performed Client side validation using JavaScript.
* Wrote **SQL, PL/SQL**, and **Stored procedures** as part of database interaction and extensively used **Hibernate** for **Object Relational Mapping**framework for persisting the data in the application.
* Developed the **Ant** scripts to prepare**WAR files** to deploy J2EE components and participate in **UAT Testing**.
* Responsible for developing core batch framework interfaces for parsing XML files making use of XPath.
* Deployed the application in DEV, QA and Production, Tested web services using **SOAP UI**, and Test NG for reports.
* Worked with AJAX, ExtJS and JSON and used **Log 4j** was used to monitor the error logs..
* Used**Swing** components to update only in the context of callback methods invoked from the dispatch thread.
* Used Git Repository as version control tool and analyze risk, developing appropriate test strategies to mitigate risk.
* Ensure that **coding standards** are maintained throughout the development process by all developers.

**Environment: Java 6.0, JSP 2.0, Servlet 2.4, Struts1.2 , Hibernate 2.0, Swing, Oracle 10g, TOAD, Ant,UNIX,Ext JS,AJAX,Log4J,SOAP,PL/SQL,RESTFUL,Spring Security.**

**Client**:**Cigna Health Insurance, Bloomfield, CT**

**Role**: **Sr. JAVA/J2EE Developer Duration: Oct 2014 – Aug 2015**

**Description**: One View is a web based application helping Customer Services people to view Benefit Plan information for Customers, Health care providers. The application helps to resolve, track customer queries online by reducing overall time.

**Responsibilities:**

* Extensive worked in designing professional UI web applications using front-end technologies and Frameworks **like HTML, DHTML, CSS3, JavaScript, XML, XHTML, jQuery, AJAX, JSON, Bootstrap.**
* Developed the application for responsive to different screen resolutions using Bootstrap and CSS media queries.
* Defined text alignment, borders, positioning and many other typographic characteristics.
* Worked on **AJAX** functionality for dynamic data binding for data grid, accordion, Ajax driven menu tabs using back end service calls and consumed both **JSON** and **XML** data in UI Side.
* Involved in **Testing** and **fixing bugs** and documented the application in step by step process.
* Involved and developed various phases of security implementation using **spring security** system against all types of authentications like LDAP authentication, Database authentication and Pre-Authentication.
* Used Spring**IOC**, **AOP**, SpringBatch modules to integrate with the application.
* Used **AJAX and JSON** to make asynchronous calls to the project server to fetch data on the fly.
* Experience in cross browser compatibility check and thoroughly performed unit testing and integration testing.
* Developed **Hibernate** with **Spring Integration** as the data abstraction to interact with the database of **Oracle**.
* Designed and Developed the UI Framework built using **JSF**, **Facelets** and **Prime faces.**
* Used **Jax WS framework** to create **SOAP web services** andhandled Java **multithreading** part in back-end component, one thread will be running for each user, which serves that user.
* Created and configured new **JIRA** projects and worked with departments to maintain existing **JIRA** projects.
* Used Java **Multithreading** concept to concurrently execute small parts of the code.
* Used **IBM WebSphere application server** to optimize the application infrastructure to reduce costs with hybrid capabilities that provide the flexibility to deploy and manage the application across any cloud and container service.
* Used **JMS** API for formal communication known as messaging to the remote server.
* Designed **REST APIs** that allow sophisticated, effective and low-cost application integration.
* Involved in writing the Unit test cases using **Jasmine** to test the individual units of code.

**Environment: XSLT, AJAX, HTML , JavaScript, CSS, DOJO, Spring, Hibernate, JUnit, DB2, CVS,XSLT, JAX-RPC, Web Services,Tomcat,UNIX,Core Java.**

**Client:Ybrant Technologies, India**

**Role: Java J2EEDeveloper Duration: Oct 2012 – Sept 2014**

**Description**:MoneySend project is a person payment system, the system is being piloted by Clients. The goal of this project is to send the money 5 times faster then existing system. It can be through card, email and other external application.

**Responsibilities:**

* Used **JAX WS framework** to create **SOAP web services** andhandled Java **multithreading** part in back-end component, one thread will be running for each user, which serves that user.
* Involved in Requirement Analysis to understand the Company needs for various downstream systems.
* Involved in the WEB Service architecture with **XML** and **SOAP** for integrating with heterogeneous systems.
* Created the design using class diagrams and sequence diagrams and designed and implemented SOAP XML Request and Response, WEB Service **WSDL (**Web Services Description Language**)** using **XML**.
* Implemented WEB Service using **Apache SOAP API (2.1)**, WASD and designed and implemented subsystem for administrative tasks like data loads, consistency checks using SERVLETS, session and Entry bean and java classes.
* Handled database interaction writing SQL Queries, **Oracle 8i** was used as Database for central Fund repository.
* Developed dynamic WEB screens, Customization of the screens done using JSP and tested and debugged **SERVLETS, Java Server Pages** using Visual age JSP execution monitor.
* Used **JDBC** for communicating with the database and developed APPLETS for communication.
* Used **JavaScript** for validation and developed front-end screens using JSP, HTML, AJAX, **jQuery**, CSS, Bootstrap.
* Developed web applications on **Tomcat server** and GIT as version control system for source code management
* Designed **Spring boot** mechanism without configuration XML's and replaced it with Java classes.
* Developed various reusable components, modules, and other **OOPS principles**.
* Responsible for implementation of Hybrid Test Automation Framework build using **Selenium** WebDriver, TestNG under Java platform.
* Developed the presentation layer written using JSP, HTML, CSS and client-side validations were done using JavaScript, jQuery, and JSON.

**Environment: CORE JAVA, EJB, JDBC, JSP,Tomcat, Oracle 8.1.6, SERVLETS,HTML, Red Hat Linux Release 6.1, Windows NT, Selenium Web driver,jQuery,Multithreading,Tomcat,SOAP.**

**Client: Virtusa, Hyderabad, India**

**Role: Java Developer Duration: July 2009 – Sept 2012**

**Description**:The System is a Customer Website Portal that will be utilized by existing customers to perform functions like Self Registration, Enter Meter Readings, Order Supplies, Create Service Requests and Account Management.

**Responsibilities:**

* Developed the presentation layer written using **JSP, HTML, CSS** and client-side validations were done using **JavaScript, jQuery, and JSON.**
* Involved in the Requirements collection & Analysis from the business team.
* Created the design documents with **use case diagram, class diagrams, sequence diagrams using Rational Rose.**
* Implemented the MVC architecture using **Apache Struts1.1** Framework.
* Implemented **Action Classes** and server side validations for account activity, payment history, and Transactions.
* Implemented views using **Struts tags, JSTL2.0 and Expression Language** and implemented Tiles Framework for the layout of the view.
* Implemented session beans to handle the business logic for fund transfer, loan, credit card & fixed deposit modules.
* Worked with various java patterns such as **Service Locator** and **Factory Pattern** at the business layer for effective object behaviors.
* Worked on the **JAVA Collections API** for handling the data objects between the business layers and the front end.
* Worked with **JAXB, SAXP and XML** Schema for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web service's request response data marshaling as well as the unmarshalling process.
* Implemented the web services client to consume the third-party service API for validating credit cards. Used XML Web Services using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
* Used **Java Messaging Services** (JMS) for the reliable and asynchronous exchange of important information such as payment status report.
* Developed **Unit test** cases using JUnit and developed ant scripts and developed builds using **Apache ANT**.
* Used **Log4J** to capture the log that includes runtime exceptions and used Clear Case for source code maintenance.

**Environment: HTML, XHTML, CSS, JavaScript, JDK, J2EE, JSP, Servlet, XML, SOAP, Oracle, W3C, Web Sphere Application Server.**