**Hamid Syed**

**Ph: (408) 462-5063 Email: syedhamid292@gmail.com**

**Senior Java Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* **Sr. Full Stack Java Developer**with over **7+ years** of experience in Analysis, Design, Development, Testing and Implementation of Enterprise Client/Server and Distributed Applications across the entire Software Development Life Cycle using Java and J2EE Technologies.
* Expertise on advanced software development methodologies such as **Agile/Scrum**, Waterfall and Test-Driven Development (TDD).
* Worked on latest features of Java 8 like Lambda expressions, functional Interfaces, Stream API’S, Method referencing, Date and Time API’s.
* Expertise in developing good server side with hand on experience of enterprise and persistence **Design Patterns** such as **Singleton**, **Factory**, **Façade**, **Decorator**, **Observer** and **AOP**.
* Expertise in UI Design and Development using **ReactJS, Angular 4/6, AngularJS, Vue.js, Node.js, Backbone.js, HTML/ HTML5, CSS/CSS3** (SASS, LESS), **JavaScript (ES5 ES6), Bootstrap, XML AJAX,JSON**, Custom Tags, JSF, Prime-Faces and Rich-Faces frameworkthat follows W3C Web standards and successfully managing all facets of application development.
* Experienced in **React JS** and working with **Redux**, **React Flux** architecture.
* Proficient in creating and building dynamic and user interactive websites using various scripting languages like **JavaScript**, **Angular**,**Backbone.js**, **Node.js, Vue.js, React.js** and **jQuery**.
* Extensive Knowledge of how Web Semantics translate into **REST API’s** and Developing REST API’s using Java/Tomcat/Spring.
* Designed and developed asynchronous **RESTful** Microservices using Spring boot, that are consumed by other microservices.
* Experience working with messaging services like **JMS**, **Rabbit MQ**, **Kafka**.
* Strong experience in **Spring Framework** modules such **as** Spring MVC, IOC, AOP, JDBC, JTA, IO, SpringDashboard, Spring Boot, Spring Microservices, Spring REST, Spring Ribbon, Spring Netflix.
* Experience with **Spring Cloud, Netflix Eureka**, **Spring Hystrix** as fallback method**, Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka** and **Zookeeper**.
* Expertise in **back-end procedure development** using **PostgreSQL**, **Oracle, MongoDB** & **MySQL**.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB** and **Cassandra**.
* Excellent experience in unit testing using **Karma**, Automated Testing using **Junit**, **Selenium** (IDE/WebDriver), Integration Testing using Cucumber, Selenium, Jenkins, and Apache Camel.
* Developed **CI/CD** system with **Jenkins** on **Kubernetes** container environment.
* Deployed the Application into **Docker** container and made easily accessible at runtime using **Pivotal Cloud Foundry**.
* Experience in AWS platform and its features including**IAM, EC2**, **Autoscaling**, **Cloud Front, S3, Lambda** and **Route53**.
* Experienced in configuration and deployment on Application Servers such as **IBM WebSphere**, **Oracle WebLogic**, **Red Hat JBoss** and **Apache Tomcat**.
* Hands on experience with **build tools** like **Maven**, **Gradle** and logging tools like **Log4J**.
* Strong Interpersonal skills for communicating with developers at various levels and able to establish communication with offshore teams.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Java/J2EE Technologies** | Servlets, JSP, JDBC, JMS, JFC/Swing, Hibernate, JPA. |
| **Programming Languages** | Java, C++, C, SQL, PL/SQL, JavaScript. |
| **Application/Web Servers:** | WebLogic, IBM WebSphere, JBoss, Tomcat. |
| **Web technologies** | HTML5, CSS3, JavaScript, TypeScript, Ajax, jQuery, Angular 4/6, ReactJS, Node.JS, Vue.JS, Backbone.JS JSON, Bootstrap.  |
| **Web Services** | JAX-WS, JAX-RS, SOAP, REST, Microservices.  |
| **Spring Tools** | Spring MVC, IOC, AOP, JDBC, Spring Boot, Spring Micro services, Spring REST, Spring Cloud and Feign Client. |
| **Message Brokers** | JMS, RabbitMQ, Kafka, TIBCO.  |
| **Database**  | Ora SQL Server, MySQL, PostgreSQL, MongoDB, Cassandra. |
| **Version Control** |  SVN, Git, Bitbucket, Gitlab, GitHub. |
| **Spring Tools** | Spring MVC, IOC, AOP, JDBC, Spring Boot, Spring Micro services, Spring REST, Spring Cloud and Feign Client. |
| **DevOps Tools** | Maven, Gradle, Docker, Kubernetes, Jenkins. |
| **Testing technologies/tools** | JUnit, JMeter, Mockito, Karma, Postman. |
| **Cloud Technologies** | AWS, PCF, AWS Lambda. |
| **Methodologies** | Agile, Scrum, TDD, SDLC. |

**PROFESSIONAL EXPERIENCE:**

**Client: Siemens INC. St. Louis, MO June 2019 – Present**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Worked on End to End Design, Development and Testing of Streamlets module. Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing.
* Developed cross-browser/platform **HTML, CSS, JavaScript, React, and Bootstrap**to desired design specs for single page layout using code standards.
* Developed and tested many features in an AGILE environment using HTML5, CSS JavaScript, Bootstrap
* Implemented stable **React** components and stand-alone functions to be added to any future pages.
* Created reusable and testable **React** functional and class components using ES6.
* Developed UI using **ReactJS, JavaScript, HTML5, CSS3, jQuery, Bootstrap** and **Node JS**.
* Implemented client-side validations using **JavaScript**.
* Created reusable and testable **ReactJS** functional and class components using ES6.
* Implemented various screens for the front end using **ReactJS** and used various predefined components from NPM (Node Package Manager) and **redux** library.
* Used **ReactJS** to create custom components for data manipulations and to display data in company standard format.
* Worked on security updates and issues found with **Vue.js** and all project dependencies.
* Extensively worked on **Java 8** features like **lambda expressions** for communicating between business layer and database, **Stream API** for Bulk Data Operations on Collections using both streams and parallel streams.
* Implemented Multithreading to achieve an asynchronous mode of communication for the processes in the application.
* Implemented **Spring ORM** with **Hibernate** taking advantage of features like **Annotation** metadata, **Auto wiring**, and **Collections** to implement **DAO** layer with **Hibernate** **Session Factory**, **HQL**, and **SQL**.
* Implementing or exposing the Microservices architecture with **Spring Boot** based Microservices interacting through a combination of **RESTful** and **Apache Kafka** message brokers.
* Implemented fail safe and **circuit breaker** patterns in **Spring Boot Microservice** applications using **Hystrix**, configured **Swagger-UI** to registered Microservice with **Eureka server** and monitored service health check from **Spring Boot** admin console and **Spring Ribbon** for load balancing.
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices.
* Developed Spring Boot application using **Microservices** architecture to maintain small and lightweight services and communication between these services are done by using **Kafka**.
* Created **Rest API** to get estimates based on another **Rest API** service.
* Created RESTful web services interface to Java-based runtime engine and accounts.
* Designed REST APIs that allow sophisticated, effective, and low-cost application integration.
* Developed RESTful Web services using Jersey framework (JAX-RS) and REST annotations.
* Extensively worked on **Spring JDBC**, **Spring Hibernate ORM** and **JPA.**
* Worked with **JSON Web Tokens** (JWT) to securely communicate JSON Objects.
* Developed **Rest API’s** to processes the data from Database to another Rest Service and created containers for the API’s using Docker.
* Worked on building reusable framework for consuming and providing **REST** API’s using Java/ Node.js / Swagger.
* Implemented **Swagger** to streamline endpoint documentation and deployed, scalable, highly available and modular software products.
* Worked on **Spark streaming** with **Java** to consume real-time data from the **Kafka** cluster and run arbitrations.
* Extensively worked on **Hibernate** concepts such as Lazy loading, Dirty checking, Locking, and Transactions.
* Created and managed **MongoDB**/**NoSQL** collections. Developed server-side automation using **Node.js** scripting and connecting different types of SQL and NoSQL databases.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, replication, schema design.
* Implemented **RabbitMQ** message queuing for post processing after submission.
* Managed and Configured Web Servers like **Apache Tomcat** and Web containers like **Nginx**
* Worked Hands on with AWS products such as **AWS API Gateway, VPC, EC2, EBS, AWS Lambda, ECS, EKS, AWS Fargate.**
* Hosted and tested the application in **AWS** servers before publishing it in actual production environment Designed, configured, and deployed **Amazon Web Services** for large number of applications utilizing the **AWS API gateway**.
* Hosted and tested the application in **AWS** servers before publishing it in actual production environment.
* Worked on **DevOps** methodologies, implementing **CI/CD Pipelines** using tool sets like **GIT**, **Jenkins**, which reduces the time for the deployment of **micro services**.
* Worked on building **Docker Images** and running them on Docker container.
* Managed **Docker** orchestration and **Docker** containerization using **Kubernetes**.
* Worked with several testing frameworks such as **Junit** and **Mockito**.
* Used **Postman** to test the RESTful API for HTTP requests such as GET, POST, and PUT.
* Integrated **GitLab** into Jenkins to automate the code checkout process.
* Identified and fixed the production issues and defects which were tracked using **JIRA** tracking portal.

**Environment**: Java 8, Spring Boot, MVC, Microservices, Hibernate, MongoDB, Node.js, Vue.js, AJAX, XML, Oracle , Docker, NGinx, JQuery, Kubernetes, Multi-threading, Swagger UI, Agile, Hystrix, AWS, Design Patterns, **RabbitMQ** , Mockito, GitLab, Apache Maven, Oracle WebLogic, HTML 5, RESTful Services, JIRA, Postman.

**Client: Blue Cross Blue Shield (BCBS), Chicago, IL July 2018 – May 2019**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Worked with complete flow and found various gaps in current system. Designed the new flow for faster creation of reports and posting. Removed complex logics and built more stable and simple code logics.
* Worked on capturing the business requirements, design, development, and testing of the application.
* Prepared **User stories** corresponding to the features taken from **Backlog.**
* Designed a responsive website using **Bootstrap** grid system to layout contents that fit different devices including mobile, tablet and desktop.
* Built Web pages that are more user-interactive using **AJAX, JQuery**.
* Worked on creating log-in authentication modules using **AngularJS** and **JavaScript**.
* Developed a cross-device/browser web application for location sharing utilizing **Angular 6, JavaScript API**.
* Developed **HTML** views with **HTML5, CSS3, bootstrap and Angular 6**.
* Worked on **Angular 6**, used its two-way data binding to achieve the feedback functionality from the user.
* Worked on **Angular 6** to achieve the client-side elements Hide, Show, Event Handling and **AJAX** Call on **JSON** response.
* Enhanced legacy application by building new components in **Typescript** and Developed single page applications using **Angular 6**, **Typescrip**t, web pack and grunt.
* Worked on **Java 8** features like **Lambda expressions** and **Stream API** for Bulk data operations on **Collections** which would increase the performance of the Application.
* Worked on Middleware persistence framework **JPA** for mapping Java classes using **Java Persistence Query Language** (JPQL), Queries, Criteria, Projections.
* Hosted and consumed **RESTful** Web services using **JAX-RS** API with spring Boot.
* Built the **RESTful** web APIs from scratch using **Swagger** and deployed them on serverless **AWS** instances.
* Used Rest Controller in Spring framework to create **RESTful Web services** and **JSON** objects for communication.
* Designed REST APIs that allow sophisticated, effective, and low-cost application integration.
* Implemented the clear separation functionality in the microservices of the application using Spring Boot and coupled all of them using REST and AWS API Gateway
* Developed Micro services using RESTful web services to provide all the **CRUD** capabilities.
* Worked on **Executor Service** framework to implement **multithreading** in programming to improve overall performance.
* Implemented the clear separation functionality in the microservices of the application using Spring Boot and coupled all of them using REST and AWS API Gateway.
* **Worked on Spring Ribbon for load balancing and used fail safe methodology using Circuit Breaker pattern with Hystrix/Dashboard** on designing and implementing **Microservice** applications.
* Worked on the **OAuth** for accessing the cloud storages like Box, one drive, Google Drive, Drop box.
* Worked on Camel-based integration middle-ware solution for Provisioning Services by design and Implementation of business logic and data processing routes using **Apache Camel**.
* Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup with help of **Zookeeper.**
* Implemented Spring boot microservices to process the messages into the **Kafka** cluster setup.
* Responsible for configuring, integrating, and maintaining all Development, QA, Staging and Production **PostgreSQL** databases within the organization.
* Worked on backup, recovery, and upgrading of all the **PostgreSQL** databases.
* Deployed **Docker** contained Spring **REST** services on to **AWS EC2** container service using **AWS** admin console

and used lambda to run applications in **AWS** console.

* Configured virtual hosts and transports for **WebSphere** application servers.
* Developed unit test cases using **Mockito** **framework** for testing accuracy of code and **logging**is done using **SLF4j and Log4j**.
* Executed Load **JMeter** scenarios based on complex business scenarios with different monitors for Stress testing, Scalability testing, Failover testing, and Load testing.
* Configured **Swagger** for auto-generated documentation and testing for all REST API calls.
* Worked on **Gradle** build tool to assemble, build and test the application.
* Mainly used **Git source control – Bitbucket** to track and record the progress and work done while developing the application.
* Worked on building and deploying multi module applications using **Gradle** and **CI** servers like **Jenkins**.

**Environment**: J2EE, HTML, JSON, AJAX, JQUERY, CSS3, Node.js, Angular6, TypeScript, Hystrix, Bootstrap, XML, AWS, Kafka, WebSphere, Selenium, REST, PostgreSQL, Spring Framework, Spring Boot, JMS, JAX-RS, Gradle, Zookeeper, Jenkins, JMeter, Mockito, Docker, Postman, OAuth, Spring MVC, JIRA, AOP, JPA, Apache Camel.

**Client: American Express. Phoenix, AZ  September 2017 – July 2018**

**Role: Sr. Java Developer**

**Responsibilities:**

* Worked on **Spring** Framework for **dependency injection, integration** of **Hibernate** using **Spring ORM support,** development of **REST**ful **web services** to give **JSON** output**.**
* Created, Upgraded, and Maintained the **JavaScript** libraries and widgets so that the data is managed the same way regardless of when the form was developed.
* Worked on **ReactJS** for creating interactive UI's using One-way data flow, Virtual DOM, JSX, **React** Native concepts.
* Worked on **ReactJS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Worked with **React** Router for developing Single Page Applications SPAs.
* Worked on many custom modules and widgets using **React JS/CSS/HTML** and made those cross-browsers consistent.
* Used **Spring MVC** front controller to handle requests from dispatcher servlet to handle incoming requests.
* Configured **Spring MVC** from scratch using **XML configurations, namespace handling, Spring security** set up and giving access to resource, wrote code to transform **XML** documents using **JAXB Marshalling** and **Unmarshalling** using Spring Injections.
* Developed the applications using **SPRING** framework including **Spring Core, Spring WS, Spring MVC,** and **Spring Integrations design pattern**
* Worked with **Hibernate** in **persistence layer**, **hibernate** mappings using **Annotations, HQL, Criteria** and **Queries.**
* Developed Rest API to processes the data from DB to another Rest Service.
* Developed Microservices to provide Rest **API's** utilizing **Spring MVC.**
* Used **JMS (Java Mailing Service)**API to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Developed the application with various **Spring Framework** modules like **Spring IOC**, **Spring AOP**, **Spring Boot**, **Spring Batch** and **Hibernate**.
* Built **Microservices** for the delivery of Purchase Order module using **Spring cloud**.
* Used **Microservice** architecture with Spring Boot based services interacting through a combination of **REST** to build, test and deploy identity Microservices.
* Worked with **SOAP UI**, **JAX-WS** to create Web Services and consuming the existing services.
* **REST web services** are created - Spring with Jackson Mappers exchange data using **JSON data structure.**
* Deployed the application in **Web Logic** Application Serverfor processing the client requests**.**
* Installed, configured, and maintained Apache **Tomcat** and configured SSL with it.
* Developed **Linux Shell scripts** to automate repetitive database processes.
* Worked on **Cassandra** Architecture, **Cassandra** data modelling & experience in installation, configuration and monitoring Multiple DataStax Enterprise **Cassandra** cluster.
* Worked on evaluating and setting up **Cassandra** Databases on **AWS** and BareMetal systems for non-production environment.
* Implementing and setting up Route 53 for **AWS Web Instances & ELB & Cloud Front** on **AWS** Environment**.**
* Deployed, Scaled, Configured, wrote manifest file for various Microservices in **PCF**.
* Worked on **Maven** for dependency management, build applications and deploy to the containers, application servers and create versions in the repository.
* Worked with version control systems like GIT and used Source code management client tools like **GitHub.**
* Worked on **JUnit** for unit testing of the application and **log4j** for logging.

**Environment**: Java, Spring, Hibernate, Log4j, JUnit, JAX-WS, ReactJS, Node.js, JQuery, HTML 5, bootstrap, JavaScript, Cucumber, MongoDB, Apache Tomcat, Linux, PCF, Maven, AWS, Cassandra, GitHub.

**Client: Aurobindo LTD. Hyderabad, India March 2015 – July 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Worked on analysis, design, and development phases of Software Development Life Cycle (SDLC).
* Worked on **Agile** Methodology for building End to End Project management.
* Developed UI modules using **HTML, JSP, jQuery, Bootstrap, JavaScript, and CSS**.
* Used **AJAX** in JSON format for asynchronous request handling and partial refreshing by the user.
* Developed reusable, interoperable Web service modules based on SOA architecture using **SOAP, WSDL** and **RESTFUL**.
* Extensively Worked on **JSP**, HTML, and XML for the designing the GUI framework and presentation stratum. Confirming the validations of the customers with the help of JavaScript.
* Created an **XML** configuration file generating beans of the java classes.
* Designed and developed application based on **Spring MVC**. Used **Spring IOC** for dependency injection and **Spring AOP** for cross cutting concerns like logging, security, and transaction management.
* Developed Application using **Spring MVC Framework** by implementing Controller, Service classes. Implemented spring framework **Bean Factory** & application Context for bean initialization and configurations.
* application such as manage project libraries, compiling, preparing war file and deploying.
* Worked on **Hibernate** as an Object Relational Mapping (ORM) Tool for the backend data persistence.
* Developed application database objects Stored Procedures using **SQL and PL/SQL** to interact with database.
* Worked on **MySQL** database to save and retrieve data about payment information and user subscription.
* Used JDBC to establish and maintain connection with the **MySQL** database from the Java Spring Data Layer.
* Wrote**SQL** queries, stored procedures, and enhanced performance by running explain plans.
* Created and injected spring services, spring controllers and **DAOs** to achieve dependency injection and to wire objects of business classes.
* Designed and Implemented **REST** web services using **JAX-RS**, **Spring REST.**
* Worked on **Jenkins** for Continuous Integration builds.
* Configured **Subversion (SVN)** repositories to utilize a post-commit hook which notifies **Jenkins** that a build needs to start.
* Worked on **WebSphere** server configurations, Connection Pooling, MQ Series Queues set up for messaging.
* Used XML for the data exchange and used SAX and DOM parser to extract and read required information.
* Used **Log4j** to capture log that includes runtime exception and logging are helpful in debugging the issues.
* Developed the Hibernate mapping files and involved in writing **JUnit** test cases and suits using **Eclipse** IDE.

**Environment**: J2EE, Java, Servlets, JSP, JDBC, JQuery, HTML5, XML, Hibernate, Web Services, JUnit, Log4j, SOAP, JavaScript, JAX-RS, WSDL, AOP, MySQL, IBM WebSphere, Maven, Jenkins, SVN, AJAX, jQuery.

**Client: Tapadia Tech, Hyderabad. India  May 2013 – Feb 2015**

**Role: Software Engineer**

**Responsibilities:**

* **Worked on Analysis and Design of the Project, which is based on MVC (Model-View-Controller) Architecture and Design Patterns.**
* Optimized the code and database to maximize the performance of **Designed Enterprise Application** using the **MVC** (Model View Controller) architecture.
* Wrote **JavaScript** validations on the client side.
* Implemented asynchronous multi-thread processing of files (**Java Message Service, Message Driven Beans,** and **Triggers**).
* Worked on the Common **UI** layout for defining the Header, Footer and Menu using **JSF Face lets**.
* Worked on testing Web Services using **Soap**UI tool, request, and response xml.
* Created UML **Use Cases**, **Sequence diagrams**, **Class diagrams** and **Page flow diagrams** using **Rational Rose**.
* Designed and developed UI using **HTML**, **JSP** and **Struts** where users have all the items listed for auctions.
* Developed **ANT** scripts for builds and deployments.
* **Developed Controller Servlets, Action and Form objects for process** of interacting with **Oracle** database **and retrieving dynamic data.**
* Listed Day wise transactions in the browser using **Servlets.**
* Code complex **SQL** Join queries for reporting which include hundreds of different variations of reports Responsible for coding **SQL** Statements and **Stored procedures** for back end communication using **JDBC**.
* Worked on writing Detail Design Documents with **UML** Specifications.
* Responsible for packaging and deploying components into the **Tomcat**.
* Performed proactive **UNIX** duties, including patch management and software upgrades
* Used **java IO** to create reports, which were to be mailed to manager every hour.

**Environment**: Java, Java Beans, JSP, **MVC,** JBuilder, JavaScript, SOAP, Servlets, JDBC, Log4J, XML, XSLT, HTML, Struts, DOM, Tomcat, UNIX, SQL, Oracle.