**HASYA**

**Senior Java / Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* **8+ years** of experience in IT industry and worked in different phases on system development including analysis, design, development, documentation, implementing, and testing using Java Stack Technologies
* Excellent technical knowledge in **Java, Servlets, JSP, JDBC, JTA and XML** with backend RDBMS like **Oracle**
* Extensive experience in programming with **J2EE** and associated technologies including **Servlets**, **JSP**, **JNDI**, **JDBC**, **JTA, JPA,** **Struts**, **Spring**, **Hibernate** and **SOAP/Rest web services**
* Experience with **AJAX**, **REST** and **JSON** and working with **JavaScript** frameworks like **Bootstrap**, **Node.js** and **Angular JS**
* Implemented **Angular 2.0** component router for navigation and services to connect the web application to the back-end API
* Good experience in MVC frameworks like **Angular JS** along with Bootstrap
* Expertise through all parts of Software Development Life Cycle (**SDLC**) in developing web applications using **JAVA,** **J2EE, Web services, SOAP and RESTful**
* Extensive hands-on experience with core expertise in design, development, and deployment of N-Tier enterprise applications for the **J2EE** platform using **Core Java, Servlets, Struts, Spring 3.x/4.x, spring Boot, Hibernate ,JSP**, **JNDI**, **JDBC**, **SOAP / Rest web services and Junit**
* Hands on experience in **Front-End** technologies like **Angular JS 1.4.7, Bootstrap 3.1, HTML5, JavaScript, CSS3, Jquery, Ajax and Node JS,** used for Responsive web design
* Experience in **XML** related technologies like **XML, DTD, JAXB, JAXP, SAX and DOM** Parsers
* Expertise in Web Components technologies like **JSP, Servlets, JDBC, AJAX** And designing enterprise applications using technologies like **EJB, JNDI,** and **JMS.**
* Having knowledge on (**JMS**) **MQ's** like **Rabbit MQ**, **IBM MQ** and **Active MQ**
* Expertise in the implementation of concepts **JSP, Servlets, JSF, EJB** transaction implementation **JMS, Swing, Hibernate, JDBC, XML**
* Experience in building Web User Interface (UI) using **HTML/HTML5**, **Angular JS**, **CSS/CSS3**, **JavaScript, JQuery and PHP** that are browser compatible
* Experience with **Tomcat, JBoss,** Apache HTTP Server and IBM Web Sphere 7.0
* Experience in designing and developing **SOAP** and **Rest Web services**
* Hands on experience in working with **Angular JavaScript**, a client side **MVC** Framework
* Worked extensively with importing metadata into **Hive** using **Scala** and migrated existing tables and applications
* Experience with messaging systems like **Kafka, Kafka event sourcing**
* Good knowledge in using internet distributed applications like **OSI model**, **TCP**/**IP** and **HTTP**
* Experience in Database Design, Creation and management of Schemas, writing stored procedures, functions, triggers, DDL, SQL queries. Experience in writing **SQL** and **PL/SQL** programming
* Excellent knowledge in working with various databases like **SQL server, MySQL, DB2 and NoSQL** database like **MongoDB, Cassandra**
* Strong Database design and development experience, which includes developing**Stored Procedures, functions**using**SQL and PL/SQL**in **MS-SQL, Oracle, DB2,PostgreSQL**databases
* Good Experience in process Improvement and Continuous Integration by using **Jenkins**
* Strong design and development experience with SDLC including Business modeling, Requirements gathering, Analysis and design, Implementation, Testing, Deployment and Integration. Extensive uses of various design methodologies like **OOA & OOD, UML** and **Design Patterns**
* Strong experience in **UNIX & Linux Shell scripting** Bash and Perl scripting
* Worked with Version Control Systems like **GIT, CVS, SVN,** and Rational Clear Case
* Experience in SDLC, **Agile** (SCRUM) Methodology, Iterative, Waterfall, and OOPS
* Vast knowledge of utilizing cloud technologies including **Amazon Web Services** (AWS), **Microsoft Azure** and **Pivotal Cloud Foundry** (PCF)
* Good experience in using **Amazon Web Services (AWS)** and **AWS SNS/SQS** for delivering messages
* Hands on experience on **Amazon Web Services (AWS)** provisioning and good knowledge of **AWS** services like **EC2, S3, Elastic Beanstalk, ELB , RDS, VPC**, **Route53, Cloud Watch, Cloud Formation, IAM, SNS** etc
* Expertise in using **Jasmine** and **Karma** for unit testing of JavaScript
* Experience in implementing end to end testing using **Jasmine** and **Karma**, Unit Testing using **Junit**, **TestNG**
* Hands on experience in configuring and using **Maven**, **Jenkins**, **Jira** and **Ant** build tools
* Worked with application servers like **IBM WebSphere, Glass Fish, JBoss, WebLogic** and **Apache Tomcat**
* Strong exposure in the areas of Client/Server, Web Development and Object Oriented programming
* Good knowledge in working with **Collections API**, Multithreading and **OOP**s **technologies**
* Strengths include excellent interpersonal and communication skills, the ability to provide solutions from a functional and technical perspective, meet deadlines, quickly build client rapport and be a team player
* Involved in creating a reusable component using **React JS** for **DOM manipulation.** Developed various screens for the front end using **React JS** and used various predefined components from **NPM** (Node Package Manager) and **Redux libraries**
* Non-blocking way for single thread applications using **NODE.JS**
* Extensively used **AWS** to integration with Enterprise and Web applications
* Expertise in using **Jasmine** and **Karma** for unit testing of JavaScript

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java, C, C++, Python, JavaScript, HTML, XML, CSS, AJAX, JSON Angular JS, Node JS, PHP, React JS, jQuery, SQL, PL/SQL, UML |
| **J2EE Technologies** | JSP, Servlets, Struts, JDBC, JTA, JSP, Tiles, JSTL, JMS, XML (SAX &DOM), AJAX, Java Mail API, JAXB, ANT, Applets, JUnit, Log4J, CVS, SDLC, Hibernate, Spring 3.x/4.x, Spring Boot, Bootstrap |
| **Web/App Servers** | IBM WebSphere 7.x/6.x/5.x/4.x, Apache Tomcat 7.x/6.x/5.x, JRun, JBoss, Oracle Web Logic |
| **IDE Tools** | Eclipse 4.x/3.x, IBM RAD 8.0/7.0, Edit plus, Notepad++, TextPad, Spring Tools Suite, NetBeans, MS Visual Studio. |
| **Web Services** | JAX-WS, SOAP, REST, Micro services |
| **Build Tools** | Ant, Maven, Gradle, Jenkins |
| **Data Bases** | Oracle 8i/9i/11i, MY SQL, SQL Server, PLSQL, Mongo dB, PostgreSQL |
| **Operating Systems** | WINDOWS 9x/NT/2000/XP, UNIX, LINUX (Ubuntu and Centos) |
| **Design Patterns** | MVC, Front Controller, Session Façade, Singleton, Business Delegate and DAO patterns |
| **Methodology** | Waterfall, Agile, Scrum, Sprint |
| **Testing Tools/API** | Junit 4.0, Spring Testing Framework, Selenium, Protractor and Selenium |

**PROFESSIONAL EXPERIENCE:**

**Client: World Bank, Washington DC July 2016 – Present**

**Role: Sr. Java Developer**

**Description:** The Risk and Authentication development group is responsible for designing, developing and implementing applications that provides clients authentication solutions and products which detect, prevent, and mitigate fraud for client payment systems. The ECIP Token Project is an extension of Risk Management system to detect and deter fraudulent transactions. As a part all web based payments and e-commerce transactions supported and are authorized and authenticated based on certain Rules & acceptance criterion defined by clients which include major banks, financial institutions, companies, and vendors

**Responsibilities:**

* Followed **Agile** Methodologies - **SCRUM** to manage full life-cycle development of the project
* Developed software code that complies with design specification and code software solutions to meet development and support deliverables
* Designed and developed **Micro services** using **REST framework** and **Spring Boot**
* Used **Micro services** to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA** approach
* Build **micro services** for the delivery of software products across the enterprise.
* Recommend and develop strategy for integrating internal security model into new projects with Spring Security and Spring Boot
* Designed and implemented DAO, Singleton, Factory and DTO Design Patterns
* Responsible for the configuration of Spring WebApplicaitonContext in web layer and web.xml
* Developed SOAP-Web services in a Service Oriented Architecture (SOA) consisting of the integration tier with Web services external to organization, middle tier with Spring Application Framework
* Configured handler mappings and view resolvers in Spring MVC Web layer
* Implemented the business layer by using Hibernate with Spring DAO and also developed mapping files and POJO java classes using ORM tool
* Implemented caching techniques, wrote POJO classes for storing data and DAO\'s to retrieve the data and did other database configurations using Hibernate
* Developed ORM mappings using Hibernate annotations and also established data integrity among all tables sitting on Oracle Database
* Create RFP (Request for Proposal**) micro service** to provide RESTful API utilizing Spring Boot with Spring MVC
* Used **Micro services** for distributing different responsibilities of the system into different services for enhancing **cohesion** and for decreasing **coupling**
* Using JQuery for event handling and **AJAX** interactions for rapid application development.
* Developed screens using **JSP, DHTML, CSS, AJAX, JavaScript, JQUERY, Spring MVC, Core Java** and **XML**
* Engaged in developing the UI by using **HTML, JSF, JQuery**, **and JavaScript** and in some places used **AJAX** to make calls to other services
* Used **Spring Boot** which is radically faster in building cloud Micro Services and develop Spring based application with very less configuration
* Used **spring** framework and **J2EE** components, Utilized **Spring Boot, IOC** and **DAO** modules. Developed controller classes, backend process and complex services
* Used Spring Inheritance to develop beans from already developed bean classes
* Used **Spring Boot** to create Stand-alone Applications
* Java programming with Multi-threading and performance tuning experience
* Involved in web services design and development. Created and consumed web services using **JSON**, **XML**, and **REST**
* Experience in **Message Queue Handling** to allow application to communications by sending messages to each other
* Implemented **JAX-RS** (**Restful**) Web Services using JERSEY Framework
* Used Message Queue Handling as an asynchronous communication protocol to put a message on message queue that does not require an immediate response
* Used **RabbitMQ** is open source message-oriented middleware that implements the advanced message queuing protocol
* Demonstrated experience with 3-tier web application development utilizing **Java**, **Spring**, **Hibernate**
* Solved complex software development/design issues by implementing SOA architecture
* Parsed **JSON** data and displayed it in the frontend screens using **AngularJS**
* Used **Micro service** architecture, with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers
* Experience with JAX\_WS web services
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report
* Tested **REST** services using google chrome’s **POSTMAN** plugin
* Worked with the Design tools like **Vision** for data integration
* Involved in process orientation and planning, organizational and problem solving sessions
* Used **Devops** Tools like **Jenkins** for continuous Integration and Deployment
* Involved in configuration and deployment of applications on the cloud using **AWS**
* Used **AWS** Code deploy for automated deployment of EC2 instances
* Involved in designing and deploying a multitude applications utilizing almost all of the **AWS** stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud formation
* Worked with Java libraries to access **AWS** facilities as Simple Storage Service
* Involved in Coding of Enterprise Java Beans, which implements business rules, and business logic
* Used **Devops** Tools like **Jenkins** for continuous Integration and Deployment of servers
* Involved in configuration and deployment of applications on the cloud using **AWS**
* Involved in Coding of Enterprise Java Beans, which implements business rules, and business logic
* Coding of Pl/PgSQL Stored Procedures, Data Types, Triggers , Constraints and Constraints
* Install & configure development PostgreSQL 8.1.1 databases on **Red hat Linux servers**
* Create, schedule and run the scenarios using **JMeter** and generate necessary graphs
* Extensively worked on **JMeter** to create Thread Groups and test Web Application for various loads on key business scenarios
* Created and executed **JMeter** scripts for performance testing of portal
* Used **Oracle** 10g as the back-end database to store the data
* Used Spring JPA to significantly improve the implementation of data access layers by reducing the effort to the amount’s that actually needed
* Developed **JUnit** test cases for all the developed modules. Used **CVS as version control**
* Used **JUnit** to write repeatable tests mainly for unit testing and deployed the application in **DEV, QA**, and Production environments
* Effectively used **Junit** for unit testing purpose
* Designing, Development, **JUnit testing** and Integration of many components of the applications from end-to-end
* Performed research regarding Python Programming and its uses and efficiency
* Used **Maven** for application build
* Used **Hibernate** Detached Criteria, HQL and written some SQL queries for data retrieving
* Implemented Hibernate to map all the tables from different data sources to make database updating. Explored Map-reduce algorithm and **NoSQL**
* Implemented **SQL, PL/SQL** Stored Procedures
* Well experienced in Design and Development of database systems using **RDBMS** concepts including **Oracle, MySQL** and experience in writing SQL queries, PL/SQL, T-SQL, Stored procedures, prepared statements and triggers
* Experience in using **NoSQL (MongoDB)** data models document, key-value & wide column, or graph model
* Developed advanced queries to create, populate, update and backup **MySQL** tables and databases
* Excellent knowledge in working with various databases like **SQL server, MySQL, DB2 and NoSQL** database like **MongoDB, Cassandra**
* Worked on NoSQL database like **MongoDB** and performed Crud operations like insert, update, delete
* Fetched data from MongoDB using **mongoose**

**Environment:** J2EE, Java 8, JDK, Spring 4.x, Hibernate, JDBC DriverJSON, Unix, Maven, JUnit, Jenkins, Spring ORM,JSP, JDBC, Restful Web Services, Micro Services, JMS, GIT, AWS, IBM RAD 9.1, DB2, HTML, CSS, Java Script, POSTMAN and Sélénium.

**Client: T. Rowe Price, Maryland Owings miles July 2015 – June 2016**

**Role:****Sr. Java Developer**

**Description:** T. Rowe Price is one of the world’s leading financial provider. We help clients invest confidently with to secure financial futures. It is an application that manage end to end operations of credit card of the bank. It supports all operations starting with application processing, pre-acceptance verification, load boarding, account maintenance and customer service. This application is being used by both external customers and internal bank employees Credit card users to manage their accounts online. The application provides complete support to new and existing customers to have complete details regarding their credit approval based upon the details provided and it has several functionalities where user can get all the details regarding the credit account

**Responsibilities:**

* Involved in **SCRUM** process of **AGILE** methodology in Requirement gathering, Design, Analysis and Code development through iterations
* Worked on requirements gathering, analysis and design for the Enhancement Tasks and Project Change Requests
* Used **AngularJS** form validations for validating the client side data
* Used Maven scripts to build and deploy war files to QA environment
* Wrote JUnit test cases to test the server side Modules
* Used **Spring Core** for dependency injection/Inversion of Control(**IOC**) and implemented using spring Annotation
* Developed views and controllers using Spring MVC and **Spring Core**
* Used **Spring Core** container to implement IOC and to manage EJBs in EJB container
* Developed the Method and Object Level security using **Spring Security**
* Extensively used **Spring MVC** and **Hibernate** Framework for data handling
* Involved in implementing the **Hibernate API** for database connectivity
* Developed Hibernate mapping configuration files to provide the relation between java objects and database tables
* Coded **JSP pages** and used **JavaScript** for client side validations and to achieve other client-side event handling
* JMS is used for exchanging the information
* Worked with web services team to define new **RESTful** web services and modify existing services
* Designed the user interface of the application using **HTML**, **CSS3**, **JavaScript**, **AngularJS**, **AJAX** and **PHP**
* Coded in **AngularJS** **MVC Framework** to make single page app (spa) and complex price configurations pages
* Application integration using **Apache Kafka** and **RabbitMQ**
* Excellent implementation knowledge of Distributed Web Services/ Enterprise / Web / Client- Server systems using Java, **J2EE** (**JSP**, **Servlets**, **JDBC, EJB, JNDI, JMS, JAXP, JAXB, SDO, JPA), XML, SOA Web services, ESB, JINI** and Java Spaces Technology
* Worked on **Java Script** libraries like **jQuery** and **JSON**
* Using **Junit** for testing the application
* Developed **build** tasks to run the unit tests on **Jenkins**
* Maintaining separate build in **Maven** for the module for easy integration to the portal build and configure with **Jenkins**
* Generating **Scala** and java classes from the respective APIs so that they can be incorporated into the overall application
* Using **SVN** version controller to manage the code versions
* Using **Maven** build tool to build and deploy the application
* Using **JBoss** application server based upon the project
* Used **XML Web Services** using **SOAP** to register agents using non-java application
* Used **Micro services** to communicate through **HTTP** protocol for implementing SOA approach.
* Developed **JUnit** test cases for unit testing
* Implemented **Oracle DB** as the underlying Database of the application
* Managed and maintained Oracle and NoSQL (**MongoDB**) databases in production domain
* Experienced in implementing the **Node.js** server side code along with **Express** framework to interact with **MongoDB** to store and retrieve data by using the **Mongoose** package
* Experience in NoSQL (MongoDB) in using Hierarchy Modelling Techniques like Tree Aggregation, Adjacency Lists and materialized paths
* Experience in using NoSQL (MongoDB) data models document, key-value & wide column, or graph model
* Involved in development/ maintenance of various web services using **IBM Web sphere** to interact with other Applications.

**Environment:**Java 8, spring, Hibernate/JPA, AngularJS, JavaScript, REST, XML, XML Schema, DOM, HTML, Ajax, JMS, PHP, SQL, Oracle DB, JBoss, IBM Web Sphere, Maven, CVS, SOA, JSF, Apache Kafka, Jenkins, RabbitMQ and Agile.

**Client: Quest Diagnostics, NJ October 2012 – May 2015**

**Role:****Sr. Java Developer**

**Description:** This system provides Patient Administration, Billing Management functions for the hospital. The major functions of Administration module are Allocating Registration, Recording Personal Details, assigning Insurance Details, Retrieving Patient history records from other hospitals. The Billing module allows Billing and receivables, looks into multiple modes of Payment and Rates Definition for Services

**Responsibilities:**

* Collected required information from Agents for documenting the requirements of Accounting module, claims module
* Performed Iteration Planning for the Modules developed
* Involved in development of User Interface using **XSLT, HTML, JavaScript, Ajax, DOJO and JSTL**
* **Created Dialog boxes using DOJO for better look and feel**
* Used **XSLT** for all the front end development
* Used **Spring MVC framework** at the front end and configured many beans and wired **(**dependency injection) them as per the requirement
* Used JSON to transfer the request from the web page to the server
* Used Concurrent Versioning System (CVS) as a version controlling for the source code check in and check outs
* Used **Angular.js** and **Node.js** for developing single page web applications
* Implement modules into **Node.js** to integrate with designs and requirements
* Provided data persistence by object/relational mapping solution via Hibernate for application save, update and delete operations
* Implemented interceptors using **Hibernate**, build and release **Spring Boot** framework
* Got exposure to build and deploy the changes in a production environment by executing the build script and deploying the compiled **GWT** client side code and server side code to the production server
* Responsible for design and developing Persistence classes using **Hibernate**, and **Spring JDBC** Template frameworks to save data in database tables
* Worked on **JPA** for persisting the objects into the system
* Involved in helping the UNIX and **Splunk** administrators to deploy **Splunk** across the UNIX and windows environment
* Design and develop automation framework using **Java, Selenium web driver, JUnit, Maven, Ant and SVN**
* Created services for various modules like Account Creation and Maintenance using **SPRING**
* Used apache-**Maven** tool to build, configure, and package and deploy an application project
* Used **Jenkins** for build maven project
* Worked on Axis implementation and used **SOAP UI** to test the **SOAP**
* Worked on **XML**, **XSD** and **XSLT** to parse the request and create the new one based on the specification
* Extensive experience with AngularJS, creating custom directives, decorators, and services to interface with both restful and legacy network services also DOM applications
* Used **ANT** tool to build and deploy applications
* Using **JBoss** application server based upon the project
* Developed generic Java packages to produce and consume **JMS** messages through topics and queues in asynchronous message processing with guaranteed deliver
* Generated the required **XML** files to transfer data between the server and the web pages
* Used DOM parser for validating the XML files against their respective XML schemas
* **XPATH** expressions are used to extract data from the XML files
* Developed unit test cases using **JUnit** and Mock Objects

**Environment:** XSLT, AJAX, HTML, Angular.js, Node.js, JavaScript, CSS, DOJO, Spring, Hibernate, JBoss, JUnit, DB2, DB Visualizer, Eclipse IDE, CVS, XPath, Restful Web Services, XML Schema, DOM parser and fiddler.

**Client: HSBC Software Development, India December 2011 – September 2012**

**Role:****Java J2EE Developer**

**Description:** HSBC Banking Application (CNBA) helps customers to check their account balance, funds transfer, transaction history, transaction status online. It also allows the customers to view bank’s branch locations and their timings. The transaction management plays a key role in this application. The customer can also track his loan status**.**

**Responsibilities:**

* Involved in Requirement Analysis to understand the Company needs for various downstream systems
* Involved in deciding the **WEB Service** architecture with **XML** and **SOAP** for integrating with heterogeneous systems
* Designed and implemented SOAP XML Request and Response, WEB Service **WSDL** using **XML SPY**
* Implemented WEB Service using **Apache SOAP API (2.1)**, WASD
* Designed and implemented subsystem for administrative tasks (like verify data loads, consistency check and notify clients for data extract) using SERVLETS, session and Entry bean and java classes
* Designed Health Check module to monitor current health of the system as well as a database connection
* Designed and guided the team for implementing Client module and XSL conversions using XSLT (XALAN)
* Handled database interaction writing SQL Queries, **Oracle 10g** was used as Database for central Fund repository. The service was deployed on **IBM WEBSPHERE 4.0**
* Worked on **RESTful** APIs for HTTP requests between client and server
* Used **Spring** framework to achieve loose coupling between the layers thus moving towards **Service Oriented Architecture** (SOA) exposed through **Restful** Services
* Developed dynamic WEB screens, Customization of the screens done using JSP
* Tested and debugged **SERVLETS, JSP** using Visual age JSP execution monitor
* Used **JDBC** for communicating with the database
* Developed APPLETS for communication
* Client and server side validation did in **JavaScript**
* Involved in writing **XML** documents. Involved in writing build scripts using **UNIX**

**Environment:**CORE JAVA, EJB, JDBC, JSP, Oracle 10g, IBM WEB SPHERE, SERVLETS, Symantec Visual Cafe 3.0 Database edition, HTML, Restful Web services, Red Hat Linux Release 6.1, UNIX, and Windows.

**Client: Deblok, India July 2010 – November 2011**

**Role: Web Developer**

**Description:** This is web based Internet application. The core focus of the product is office automation and knowledge sharing. Different modules include Workflow Management, Leave Management, Project Management and Quality Management. Work Management allows authorized person to assign task to an employee. Leave management helps employee to post their leave on the net. Request automatically reaches the authorized person through email. Leave approval, cancelation, leave details, holidays etc. are taken care by this module. Quality management involves all quality-related activities like bug tracking, project tracking, team performance, task reporting etc. Project management takes care of the team, task preparation etc.

**Responsibilities:**

* Involved in writing **XML** documents. Involved in writing build scripts using **UNIX**
* Involved in coding for Project Management, Leave Management, and Quality Management modules
* Extensively used JSP Scriptlets and Java Beans to develop the frontend web pages.
* Wrote Servlets to process the request and create a response object
* Involved in unit, integration and system testing

**Environment:** Java SE 6, JSP2.1, Servlets2.5, JDBC, Oracle11g, Windows, UNIX, CVS, ANT, Tomcat and My Eclipse.