**Navya**

**515-309-1675**

**navya.workmail01@gmail.com**

**PROFESSIONAL EXPERIENCE**

* Having **8+ years** of experience in all the technical phases of **Software Development Life Cycle** (**SDLC**) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on **Object Oriented, Java/J2EE** and **Client Server technologies.**
* Experience in developing the applicationwith **Agile Methodology**, **Waterfall Methodology** and **Test-Driven Development.**
* Experience in Front-End UI technologies like **HTML5, CSS3, JQuery, JSON, Ajax, AngularJS,NodeJS, Bootstrap, Tag Libraries, JSTL.**
* Good working knowledge with **Java 1.8** and implemented its features like **Lambdas Expressions, Time API, Streams, functional interfaces, Collectors, default methods, type interfaces, foreach.**
* Hands on Experience in developing web applications by using Spring framework modules like **Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Batch** and **Spring Data.**
* Expertise in developing data models using **Hibernate** Object relational mapping (**ORM**) frame work and used **Hibernate Annotations** to reduce time at the configuration level
* Having experience with Cloud Computing environment like **Pivotal** **Cloud Foundry, Amazon Web Services (AWS), Docker Containers.**
* Handled operations and maintenance support for **AWS** cloud resources which includes launching, maintaining and troubleshooting **EC2 instances**, **S3** buckets, **Auto Scaling**, **Dynamo DB, AWS IAM**, Elastic Load Balancers (**ELB**) and Relational Database Services (**RDS**).
* Proficient in developing **J2EE** enterpriseapplications in **Service Oriented Architecture** and **Micro Service Architecture.**
* Expert in **Core** Java with strong understanding of **Garbage Collector, Collections, Multithreading, Event handling, Exception handling** and **Generics.**
* Expertise in **J2EE** Technology- **Servlets, Struts,** **Spring, JDBC, JTA, JPA, Hibernate** and **JMS.**
* Experience with distinctive **design patterns** like **Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller, DAO** and **MVC.**
* Worked with design and development of robust and highly scalable Web Service platforms and **API’s** based on **REST** and **SOAP** for enterprise applications using **AXIS,** **WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC** technologiesand **Jersey** frameworks.
* Expertise in XML technologies such as **XSL, XSLT, XML schemas, XPath, XForms, XSL-FO** and **parsers** like **SAX, DOM.**
* Expertise in back-end/server side java technologies such as: **Web services**, **Java persistence API** (JPA), Java Messaging Service (**JMS**), Java Database Connectivity (**JDBC**) and Java Naming and Directory Interface (**JNDI**).
* Used **Apache Kafka** for integration and Data Processing with spring and for Multi-Threaded Message Consumption and worked on **Zookeeper** to maintain services.
* Experienced in building **Web Services** for Service Oriented Architecture (**SOA**).
* Good Understanding in **databases** such as **Oracle, MySQL, SQL Server, IBM DB2 and MongoDB** databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers and packages
* Experience in **JMS** over messaging to exchange the information more reliabily and asynchronously for enterprise applications using **Active MQ** ,**Rabbit MQ and kafka** as message queue**.**
* Proficient with build automation tools like **Gradle, Maven** and **Ant** for builds and deployments to different environments.
* Experience on different **IDEs** such as **Eclipse, RAD, Spring Tool Suite, IntelliJ** and deployment using Application Servers like **Apache Tomcat, BEA WebLogic, Web Sphere, Glassfish, Camel** and **JBOSS**
* Experience with **JUnit, Mockito, Log4j** in developing test cases and determining application functionality.
* Experience on **UNIX/LINUX** Shell Scripting and Deployment of Applications in Server.
* Decent Experience in using code repository tools **GIT**, **Tortoise SVN,** and **Visual Source Safe.**
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.

# **TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | C, C++, Java 1.8, J2EE, and PL/SQL. |
| **Tools and Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Struts, JSF, JUnit, SOAP UI, JReport. |
| **J2SE/J2EE Technologies** | Java, J2EE, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Jakarta Struts, EJB, Spring, Hibernate, JTA, JNDI, JPA JMS, Web Services (JAX-RPC, JAX-WS, SOAP, REST, WSDL, UDDI and RESTFUL), Groovy/Grails. |
| **Web Technologies** | HTML5, CSS3, JavaScript, JQuery, Bootstrap, AngularJS, JSF, AJAX, NodeJS, JSON Restful. |
| **XML Technologies** | XML, XSL, DOM, SAX, DTD, XQuery, XSD and XSLT. |
| **Cloud Technologies** | AWS EC2, S3, Dynamo DB, ELB |
| **Databases**  | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB, NoSQL. |
| **Web/Application Servers** | Apache Tomcat, IBM WebSphere, Web logic Application, JBOSS. |
| **Build Tools** | ANT, Maven, Gradle, Docker and Jenkins |
| **IDE / Tools** | Eclipse, IntelliJ, Spring Tool Suite(STS), RAD |
| **Testing Tools/ Others** | JUnit, Mockito, Soap UI, Log4j and JIRA |
| **Version Control** | Tortoise SVN, CVS and GIT |
| **Platforms** | Windows, Mac, Linux and Unix. |  |
| **Methodologies** | Agile, Waterfall, Test Driven Development |   |

**PROFESSIONAL EXPERIENCE:**

**Client: United Parcel Service (UPS)**  **Jan 2019–Till date**

**Location: Parsippany, NJ**

**Role: Full Stack Java Developer**

**Description:** US Customs and Border Protection (CBP) has created a new automated system called the Automated Commercial Environment (ACE) which is a single window to all government systems. ACE is the primary system through which the international trade community will submit export/import data required by all Federal agencies. This project deals with sending/receiving different types of messages to/from customs for the shipments that are key entered from screen. This also includes providing electronic reports to CBP fulfilling the regulatory obligation set forth by the CBP.

**Responsibilities:**

* Involved in design discussions and understanding of business requirements and identify the relevant functional and technical requirements.
* Application is implemented using Agile methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
* Developed Single page application and structured the **JavaScript** code using **Angular 8.**
* Implemented the front end using **HTML5, CSS3**, **Bootstrap, NodeJS** and **Angular 8.**
* Used **JAVA 1.8** featureslike **Lambda Expressions, Parallel Streams** and **functional interfaces.**
* Developed **RESTful Web Services** with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* Experienced on **spring framework** applications like **Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security** and **Spring Boot** and did integration to **Micro services** into existing system architecture.
* Implemented the **authentication** and **authorization** of the application using **Spring Security** and **OAuth 2.0.**
* Implemented **Micro Services Architecture** to divide the application into various sub modules.
* Involved in migrating monolithic application in **Micro Service** Architecture and developed Micro services using **OpenShift** platform build upon Spring Boot Services.
* Worked with **Spring Ribbon and Kafka** broker service with **Zookeeper** to handle heavy traffic.
* Developed integration modules for disparate clients using **Apache Camel**.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Used **Spring JMS** module for lookup for the queues and MDBs for the listeners.
* Used **JasperReports** as reporting tool to generate various reports in different formats likePDF, XLS, CSV, HTML.
* Established Database Connectivity using **JDBC, Hibernate O/R mapping with Spring ORM** for **SQL**.
* Worked on **Hibernate** for mapping the java objects to relational database and **SQL** queries to fetch the data, insert and update the data from the database.
* Writing Stored Procedures and JDBC prepared statements to retrieve the data from database.
* Experience in **Test Driven Development (TDD)** by identifying test case scenarios and unit testing the code using JUnit framework.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Used **Log Insight** to monitor application logs, messages, network traces, configuration files and performance data in real time.
* Worked on **Active MQ** to communicate with controller and used service layer to implement the business logic.
* Worked on **Log4j** for logging errors, messages and performance logs.
* Used **GitHub** as Version Control tool, **JIRA** for issue tracking (production issues at time) and **Eclipse, IntelliJ, VS code** as **IDE.**
* Doing the POC for deploying the Services onto the **OpenShift** PODS and test end-to-end application.
* Deployed and tested the application on **Web Logic** **Application Server.**
* Support and maintain **the CICD process** **& scripts** to build and host angular SPA and Spring Boot applications using **Attlassian tech stack (Git, Jenkins), Nexus, SonarQube** and **OpenShift Ecosystem** – Plans, jobs, tasks etc.,

**Environment:** Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, Ajax, Bootstrap, JavaScript, Angular 8, NodeJS, Hibernate, Spring MVC, Spring IOC, Spring boot, spring security, OAuth , XML , GIT, JSP, JUnit, Maven, WebLogic Application server,OpenShift, JAX-WS, Restful, Micro Services, Log4J, SQL ,Docker,JIRA and Eclipse, IntelliJ, Log Insight, Jenkins.

**Client: Change Healthcare May 2018– Dec 2018**

**Location: Chicago, IL**

**Role: Full Stack Java Developer**

**Description:** Post Pay (audit and Recovery services) helps to maximize savings by identifying and recovering lost dollars due to improper payments. Equiclaim identifies inaccurate repricing, improper coding, and misapplied reimbursements, and recovering over payments. Every claim that is paid by the payer will be retrospectively audited for possibility of identifying savings under the perspective of incorrect DRG Coding (DRG service), incorrect Hospital Billing (HBA service), RXI audits (RXI service) and high cost medical equipment (CCA service).

**Responsibilities:**

* Worked on High level and low level system design, planning, estimation and implementation
* Developed presentation layer using  **HTML5, CSS3** and client validation using **JavaScript.**
* Developed Single page application and structured the **JavaScript** code using **AngularJS.**
* Design and develop template based User Interface using **Bootstrap** and **Angular JS.**
* Experience with **NodeJS** modules including Events, http, file system, MySQL. Wrote restful services on the server in **NodeJS** to listen to requests from devices.
* Utilized **JAVA 1.8** features like **Lambda** expressions for collection, evaluation and comparing the data, **Stream API** for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**.
* Utilized **Amazon** Web **Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Created and configured the continuous delivery pipelines for deploying **Micro Services** and **Lambda functions** using **Jenkins** **CI** server.
* Utilized **Docker** for the runtime environment of the CI/CD system to build, test and deploy the application.
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Framework**.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring** **Boot, Spring Security**, **Spring Batch.**
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details etc.
* Implemented Batch jobs to deal with large number of chunks using **Spring Batch Framework** to execute the similar jobs simultaneously.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Involved in design and development of the **Hibernate Domain Model** for the service.
* Involved in using **JPA** (Java Persistence API) frameworks and APIs as **JDO** and **Hibernate.**
* Enterprises Integrated Pattern Implemented with **Apache Camel(ESB).**
* Developed a **RESTful** based service for data retrieval to make it independent of the current application.
* Involved in development of **RESTFul** web services with **JAX-RS** using **Spring** **Boot** and **Micro Services** **Architecture.**
* Proficient in Application Development/Maintenance using Legacy **RPI** languages.
* Involved in migrating monolithic application in **Micro Service** Architecture and Developed Micro services using **Pivotal Cloud Foundry** platform build upon Spring Boot Services.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Wrote services to store and retrieve user data from **MongoDB** for the application on devices.
* **Websphere**  is used as an Application Server to Deploy the Application.
* Experience in using **JUnit** and build tools such as **MAVEN.**
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Used **Log4j** for logging errors, messages and performance logs.

**Environment:** Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, Ajax, Bootstrap, JavaScript, AngularJS, NodeJS, Hibernate, Spring MVC, Spring IOC, Spring boot, spring security, OAuth , XML,AWS, GIT, JSP, JUnit, Maven, IBM WebSphere, Apache AXIS, JAX-WS, Restful, Micro Services, Log4J, Oracle, Mongo DB, WSD, Docker,JIRA and Spring Tool Suite.

**Client: T –Mobile Dec 2016 – May 2018**

**Location: Bellevue, WA**

**Role: Sr. Full Stack Developer**

**Description** **:** T-Mobile Universe Rebellion has three channels Retail, Care and Web. Retail Application is in store system, Care Application is used by Customer Care Representatives and Web Application is direct customer interactive system. All three systems interact with Façade API and have almost similar set of flows.

**Responsibilities:**

* Involved in Requirement Analysis, Design, Development and Testing of the risk workflow system.
* Involved in the implementation of design using vital phases of the Software development life cycle **(SDLC**) that includes **Development, Testing, Implementation** and **Maintenance** Support in **WATER FALL** methodology.
* Created user-friendly GUI interface and Web pages using **Struts, JSP, HTML, CSS, AJAX, JQuery and JavaScript.**
* Responsible for designing, coding and developed the application in **J2EE** using **Struts MVC.**
* Implemented **Struts framework** (Action & Controller classes) for dispatching request to appropriate classes.
* Used simple **Struts Validation** for validation of user input as per the business logic and initial data loading.
* Achieved synchronization of multiple threads through **Multithreading** and **Exception Handling**.
* Extensively used **JSON** to parse the data from server side to satisfy the business requirement.
* Developed **Struts Action Forms**, **Action classes** and performed action mapping using **Struts**.
* Developed batch job using **EJB** scheduling and leveraged container managed transactions for highly transactions.
* Involved in developing **Web Services** to send **XML** request and reading the response **SOAP UI** from Java platform.
* Used various **Core Java** concepts such as **Multi-Threading, Exception Handling, Collection APIs,** **Garbage collections** for dynamic memory allocation to implement various features and enhancements.
* Consumed Web Services to interact with other external interfaces in order to exchange the data in different forms by using **Restful service**.
* Established Database Connectivity using **JDBC** for **Oracle**.
* Used **Log4J** for application logging and notification tracing mechanisms.
* Developed the **ANT scripts** for preparing **WAR files** used to deploy **J2EE** components.
* Analysis and Bug fixing of the production problems and defects along with enhancements.
* Implemented **JUNIT** test cases for unit testing and Suites for end to end testing.
* Used **JIRA** for tracking the Project Stories and bug fixing.
* Used **SVN** to check-in and check-out and co-ordinate among team members for Version Controlling.

**Environment:** Java, HTML, CSS, AJAX, JQuery, JavaScript, JSON, XML, Struts, JDBC, IBATIS, Web Services, SOAP UI, Restful, HQL, SQL, JBOSS, Oracle, ANT, Eclipse IDE, JIRA, Tortoise SVN, and UNIX.

**Client: Vision Infotech July 2014 – Nov 2016**

**Location: Hyderabad, India**

**Role: Java/J2EE Developer**

**Description**:  The Company provides software products, IT services and business process outsourcing for a variety of industries including insurance, banking, capital markets, manufacturing and retail. The company also sells services such as Business Intelligence and analytics, testing and compliance, application development and maintenance.

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**Environment:** Java, HTML, CSS, AJAX, JQuery, JavaScript, JSON, XML, Struts, JDBC, IBATIS, Web Services, SOAP UI, Restful, HQL, SQL, JBOSS, Oracle, ANT, Eclipse IDE, JIRA, Tortoise SVN, and UNIX.

**Client: Infotech Aug 2012 – June 2014**

**Location: Hyderabad, India**

**Role: Software Developer**

**Description:** The objective of Item Management is to set-up, maintain, and share Item information in a flexible system that easily supports Unilever’s growth, increases speed to market and improves data accuracy, while reducing user workload. Guided Setup is one module of the project which functions as a wizard to complete the configuration and creation of various types of items like Single Items, Multiple Items and Assortment Items.

**Responsibilities**:

* Developed the application based on **MVC** architecture.
* Developed web application using **JSP, Servlets, Java beans** that uses **MVC** design pattern.
* Created user-friendly GUI interface and Web pages using **HTML, CSS** and **JSP.**
* Wrote **JavaScript** for client side validation.
* Used Java Swings in designing user interfaces.
* Used Java Fundamentals and **OOPS** concepts like inheritance, polymorphism, abstraction to develop the code.
* Implemented **core java** concepts like **Multithreading**, **Exception Handling** and **Collection** wherever necessary.
* Used **Eclipse** as IDE tool for creating **Servlets, JSP,** and **XML.**
* Wrote **SQL** for **JDBC** prepared statements to retrieve the data from database.
* Monitored the logs using **Log4J** and fixed the problem.
* The Application was deployed on **Apache Tomcat Server**.
* Involved in build and deploying the application using **ANT.**
* Used Configuration Management Tools for version control which is built on **CVS.**
* Worked on bug fixing and Production Support.

**Environment:** Java, HTML, CSS, JavaScript, JSP, Servlets, JDBC, MVC Design pattern, PL/SQL, Log4J, Apache Tomcat server, My SQL, Eclipse IDE, CVS, ANT, Log4J.