**Ajay Mahadev**

**Email: ajay.java04@gmail.com**

**Contact: (732) 844-6895**‬‬‬‬‬‬‬‬‬‬

**Summary:**

* Over **8+** years of IT experience in Analysis, Design, Development, implementation and execution of test cases of software application using **Java/J2EE** technologies.
* Experience in tuning ADF BC components and PL/SQL for performance.
* Experienced in Java Application Development, Object Oriented Concepts, **Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Programming (OOP)** and its implementation.
* Experienced with developing rich user interface applications using **HTML5, CSS3 and JavaScript, jQuery, Angular 4.0,5.0,6.0,7.0 JS, Node JS, React JS, Backbone JS, Twitter Bootstrap, jQuery Mobile, XML, JSON** that follows **W3C** Web Standards and are browser compatible.
* Extensive experience in designing UI using Oracle ADF Faces components, JDeveloper 11g/12c.
* Experience working with various **SDLC** methodologies like **Agile Scrum, RUP** and **Waterfall Model**.
* Experienced in developing front end applications using **HTML, HTML5, XML, XHTML, DHTML, CSS, CSS3, Bootstrap, SAAS, LESS, JavaScript, DOM, jQuery, Ajax, JSON,** and **JSP.**
* Expertise in implementing the persistence logic using **JDBC, JPA, Spring JDBC, Hibernate, iBATIS.**
* Good Understanding of Document Object Model **(DOM)** and **DOM** Functions.
* Design and implement a Web based content management utilizing **XML, JAXB, DOM, XSLT, XPath** and **JavaScript** for data generation and presentation with **JSF**.
* Build Proof of Concepts on ADF as and when required.
* Experience in developing mobile applications using ADF MOBILE.
* Strong Experience in **JavaScript MVC** design pattern such as **Angular JS, Backbone JS** and **Ember JS.**
* Experience in server-side scripting with **Node JS, Express JS**.
* Good Knowledge in JavaScript library used for building reusable **UI** components like **React JS.**
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **React.js.**
* Strong experience in working on JavaScript environment like **MEAN (Mongo, Express, Angular, Node)**
* Strong knowledge on OOPs concepts**, Core Java, Multithreading, Exception handling**, and Collection Framework.
* Strong programming skills towards developing and implementing complete n-tier web-based application systems using **Java/J2EE** technologies- **JDBC, JSP, Servlets, Enterprise Java Beans, Struts, JSF, Spring, SOA** implementation, **JAX-RS, JAX-WS, JNDI, XML, JAXB, JSON, WSDL.**
* Have considerable knowledge in developing **UNIX shell scripts** and **pearl scripts**.
* Strong knowledge in implementing **IOC** and Dependency Injection features in various aspects of **Spring Framework.**
* Key skills include analysis, design, development, unit testing and implementation of Web Applications using Java, Oracle ADF Faces.
* Good knowledge on the Spring Modules like **Spring IOC, Spring MVC, Spring DAO, Spring Batch, Spring Web Flow, Spring Security** and **Spring Boot.**
* Having Handful experience in using **OAuth 2** for **Microservices** security.
* Having knowledge on **(JMS) MQ's** like **Apache Kafka, Rabbit MQ, IBM MQ** and **Active MQ.**
* Experience with Web/Application servers **(Tomcat, Web Logic and JBOSS)**
* Experience in using Restful framework like **JAX-RS Framework, SOAP Web services** using **JAX-WS, Apache CXF, Jersey**.
* Good knowledge in using **Amazon Web Services (Amazon EC2, Amazon Simple DB, Amazon RDS, Amazon Elastic LoadBalancing, Amazon SQS,** and **AWS Identity), Pivotal Cloud** and **IBM Web Sphere.**
* Defined **AWS** Security Groups which acted as virtual firewalls that controlled the traffic allowed to reach one or more **AWS EC2** instances.
* Knowledge on various **Docker** components like **Docker** Engine, **Hub, Machine**, Compose and **Dockers Registry**.
* Extensively worked on beginner patches for **Docker Engine.**
* Experience in using **Drools** rules engine for defining business rules and Validations.
* Experience in using different version controlling/tracking systems **GIT, CVS, Subversion,**and**Rational Clear Case.**
* Experienced in working with multiple databases like **Oracle 10/11g, SQL Server, NoSQL (MongoDB, Cassandra), PostgreSQL, MySQL and DB2.**
* Experience using **JIRA** and **Bugzilla5.0.x /4.4.x** as issue and bug tracking tools.
* Experienced with **J-Unit Framework4.x, Jasmine** and **Mockito** for developing test cases using Test driven development **(TDD)** approach and **log4j** for logging.
* Expertise in using **NoSQL** databases like **MongoDB, Apache Cassandra 2.0.12** as a distributed database management system and writing queries to it using **CQL 3.0**.
* Experienced in performing unit testing using JUnit, Mockito integration and deployment of applications using tools such as **ANT, Jenkins** and **Maven**& debugging through **log4j.**
* Experience in Backing up databases using **MongoDB** backup facility in **OPS** manager
* Experience in using **Ant1.x** and **Maven3.x** for build automation.
* In-depth knowledge of **PL/SQL** with the experience in constructing the triggers, tables, functions, user defined data type, procedures etc.
* Experience in **JavaScript** Task Runner like **Gulp, Grunt** for magnification, compilation, unit testing.
* Strong knowledge on JavaScript Unit testing with **Jasmine, Karma, Protractor, Mocha** and **Chai**
* Excellent verbal, written communication and presentation skills, problem solving and conflict resolution skills.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages /Web Services** | Core Java, Java, J2EE, C, C++, SQL, PL/SQL, Python |
| **RDBMS / Tools** | Oracle 9i (SQL), SQL, PL/SQL with TOAD 8.5 |
| **IDE/Editors** | IBM RAD, Eclipse  |
| **Web Technologies / Scripting Languages** | Servlets, JSP, HTML, DHTML, CSS, Angular4/5/6/7, Node JS, jQuery, Mobile, jQuery, JavaScript, Backbone JS, AJAX, React JS, Microservices, DWR (Direct Web Remoting) |
| **XML Technologies** | XML, DTD, XSD, SAX, JAXB, 2.0 |
| **Design Tools** | UML-Rational Rose 7.5, MS VISIO & Argo UML |
| **Databases** | Oracle 9i and 11g, IBM DB2 v8, My SQL |
| **Application/Web Server** | Tomcat, WebSphere, Web logic, JBOSS and Pramati 3.0 |
| **Java Based Build Tool** | Ant 1.7.0, Maven 2.2.1, Jenkins, Build Forge / Splunk |
| **Web Services** | SOAP Web Services (JAX-WS), REST Based (JAX-RS API) Apache CXF, JDBC, JMS, SPRING, Hibernate, XML |
| **Testing Frameworks** | JUNIT, Corburtura Code Coverage, Mockito & Power Mock, mocking extensions to JUnit |
| **Cloud Computing** | AWS (Amazon Web Services), AWS (Amazon Web Services), working with EC2, RDS, Dynamo DB, S3, and Cloud Formation Templates. |
| **Version Control Tools** | SVN Subversion 1.4, Clear Case 7.0.1, T.F.S. (Team Foundation Server), VSS |
| **Bug Tracking Tool** | JIRA portal, Quality Center 11, Bugzilla |
| **Frame Works** | Struts 2.1, Hibernate 3.x, Spring 3.0 |
| **Queuing Tools/ job control system** | Web Sphere MQ Series 7.0, Autosys |
| **Operating System** | Windows, Unix, UNIX Shell Scripting |

**WORK EXPERIENCE:**

**Sr. JAVA FULLSTACK DEVELOPER Jul2019 to Till Date**

**Fast Model Sports, Chicago IL**

**Description**: FastModel leads the sports coaching industry with our powerful suite of software products like FastScout, FastRecruit, FastDraw and FastAccess. Project was to develop various services like Identity, FastServer, Commons and Media services based on Micro Services architecture.

**Responsibilities**:

* Analysis, design and development and testing phases of Software Development Lifecycle (SDLC) using Agile methodology.
* Designed and optimized the document structure to store the shipper group and customers information in couch base.
* Designed micro services to fetch from legacy and upload in couch base from/to multiple buckets using Couch base SDK Java client.
* Implemented Single Page Application [SPA] functionalities using AngularRouting and also used Angular Lazy Loading, to increase the performance of the application.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Actively involved in coding using Java 1.8, Spring to develop features from end to end.
* Developed user interface using Angular 7 services method is used to pull JSON data which is exposed through REST services
* Designed multiple Active MQ queues in different environments (DEV/TEST/UAT) setup and testing.
* Worked on Rest Web services for backend services, used Couchbase DB (NoSQL) for database services.
* Migrated java applications from mainframes to java 8 using Spring MVC, JSP, CSS, hibernate, JavaScript, jQuery.
* Implemented Angular JS component router for navigation and the services to connect the web application to back-end APIs.
* Integrate the web services using Apache Camel routing and Spring.
* Developed Rest services using JSON for storing and exchanging information between browsers and servers.
* Deployed Micro Services, Docker container using Amazon EC2 container services and using AWS admin console
* Designed spring boot service to process the legacy manifest, Consignee shipper scans and package exceptions using distributed environment using Open shift pods.
* Developed custom Apache camel bindy parsing utility packages to meet the business requirements.
* Setting up AWS Oracle RDS databases for new project, use data pump to migrate data to Relational Database Services (RDS).
* Wrote Kafka producers to stream the data from external Rest APIs to Kafka topics.
* Used Object Mapping mechanism for JSON parsing and generated the final free text message.
* Used JWT token bearer authentication for REST services.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy
* Created Stacks using Amazon Cloud Formation templates to launch AWS Infrastructure and resources.
* Developed backend services to fetch data from Oracle 12c using JDBC templates.
* Used Docker image registry to deploy the code from Git to Open Shift using Jenkins pipeline.
* Designed JUnit test cases for various services to assert the final message integrity as a part of Dev testing.
* Designed the cucumber test cases and step definitions to perform integration testing and UAT testing.
* Deployed the Services onto the OpenShift to run docker containers, via Kubernetes on cloud infrastructure.
* Performed integration testing using CamelTestSupport to test the behavior of the component.
* Designed the JSON formatted logs using slf4j logging and integrated with Log Insight for APM.
* Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools for nightly batch run of the Script.

Environment: Java 1.8,Angular6/7, Spring Boot, Apache Camel, Bindy Parser, JWT, JSON, Object Mapper, SLF4J, Couch Base SDK, TFS, GitHub, Jenkins, Docker, Open Shift, Windows, LINUX, IntelliJ, Cucumber, Maven, Active MQ, Swagger, Postman, REST services, JUnit, JMeter, Log Insight, Microsoft SharePoint.

**Sr. JAVA/J2EE DEVELOPER Mar 2018 to Jun 2019**

**Alight, Dallas, TX**

**Description:** Alight Solutions provide HR based applications to multiple clients. The project was to develop an Expense Management application to submit expenses to Expense Management team for processing. This is a Web based application used by Employees. Employee Expense Management is a Web based application for expense reimbursement. The application handles expense processing and payments. The expenses are attached with documents in digital format.to support for reimbursement. The application has several roles for an employee to perform different functionalities.

**Responsibilities**:

* Used AGILE methodology and actively participated in Scrum meetings to produce quality deliverables within time.
* Created object modeling using UML2.
* Used object storage container to store the secured files and retrieved from API by using Amazon web services (AWS), PCF.
* Created Class Diagrams, Sequence Diagrams and Activity Diagrams to describe the relationship that exists among system's object in accordance with the business requirements.
* Used React JS for templating for faster compilation and developing reusable components.
* Developed asynchronous service call in Angular JS 6 with Type Script and transacted data in JSON format between back-end and front-end applications
* Created Stored procedures using PL/SQL for data modification (Using DML insert, update, delete) in Oracle.
* Used React JS to develop client-side web application which included dealing with data.
* Involved in the Development of various layers to accommodate the application as per the MVC design pattern, DAO and DTO patterns using Spring, Struts and Hibernate.
* Installed and configured Docker for creating virtual environments. Applied the company build pipeline using Jenkins, AWS and Docker.
* Involved in system design and Core java 8 development using Collections Framework, Exception Handling, I/O System, Multi-Threading, Lambdas, Streams, Parallel Streams, Functional Interfaces, and JDBC for the action classes.
* Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes
* Developed interactive and dynamic web pages using hand coded semantic HTML5, CSS3, JavaScript, jQuery, Angular 5 and Bootstrap.
* Used AWS Lambda to run the code in the AWS comprehensive, evolving cloud computing platform.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation.
* Deployed Spring boot based Micro Services, Docker container using Amazon EC2 container services and using AWS admin console.
* Implemented various routing mechanisms in the webpage using React JS.
* Automated Angular JS application module using protractor and Jasmine and created specs for various functional scenarios
* Designed and developed XSLT transformation components to convert data from XML to HTML.
* Used XML DOM API for parsing XML.
* With the concept of React JS Worked on usage metrics and also end to end events tracing for analysis purpose.
* Implemented IBM MQ API to put get the messages from Message Queue.
* Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using Cron job.
* Extensively used Spring IOC, configured Application Context files and performed database object mapping using Hibernate annotations.
* Spring AOP was used for intercepting the SOAP requests and for logging requests and also for transaction management.
* Used microservices with Spring Boot-based services interacting through a combination of REST and Rabbit MQ or Apache Kafka message brokers
* Wrote test cases on JIRA and built test scripts for automating various end-end REST APIs.
* Used Hibernate Template and Core Hibernate in data access layer to access and update information in the database.
* Developed Web services to allow communication between applications through REST.
* Worked on performance tuning of cluster using Cassandra, configured internode communication between nodes and client using SSL encryption.
* Used Maven to build the application and deploy it on to the server.
* Developed POC for Cassandra DB.
* Maintained version control of the Java files with SVN and GIT.
* Used Log4j for logging various levels of information like error, info, and debug into the log files.
* Wrote unit testing codes using JUnit, resolved bugs and other defects using Firebug, JIRA and Eclipse's debugging tool.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment:** Core Java (Java 8), HTML5, CSS3, JavaScript, jQuery, XML, Angular 5/6, Bootstrap, Spring Core, IOC, MVC, DAO, Struts, Hibernate, Cassandra, SOAP web service, RESTful web services, Maven, WebSphere, JUnit, JIRA, Firebug, SVN, GIT.

**JAVA FULL STACK DEVELOPER Apr 2017 to Feb 2018**

**Epsilon, Irving, TX**

**Description:** At Epsilon, provides unique solutions that strategically combine analytics, rich data and technology. It is committed to help their customers embrace the vast capabilities that the cloud has to offer. Areas such as infrastructure, development, software applications, business intelligence and platform solutions are all within our wheelhouse. My role is in development of various applications and maintains quality for same and perform trouble shot to resolve all application issues**.**

**Responsibilities:**

* Involved in Daily Scrum (Agile) meetings, Sprint planning, grooming to gather & understand requirements and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Used Test Driven Development (TDD), Unit Tests (Junit, Mockito), Gradle, JIRA issue navigator, GIT as a part of everyday tasks.
* Implemented React JS Controllers to maintain each view data where the client implemented the UI using React JS.
* Developed the unit test cases in Test Driven Development (TDD) and mock testing using JUNIT and Mockito frameworks.
* Developed Web applications using Java, J2EE, Struts and Hibernate.
* Developed the front-end using HTML, JavaScript, AJAX and CSS. Used the basic principles of MVC to incorporate the React framework to build client side application.
* Configured Jenkins in microservice apps for deploying and implemented Jenkins for the central build.
* Designed and implemented an application using Spring MVC, Spring IOC, Spring Transactions, and Dependency Injection using Spring Annotations, AOP, Container-managed transactions, and Hibernate.
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Used Jenkins and pipelines to drive all micro service authentication builds out to the Docker registry and then deployed to Kubernetes.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Spring Security for authentication and authorization of users, Spring JDBC for easy database operations using JDBC template and Spring Boot for easy bootstrap applications from scratch.
* Worked with IDE as Eclipse Juno and deployed into IBM Web Sphere 8.5 Application Server& used Maven build tool to achieve more functionality for build process.
* Developed web services components using Apache Camel, SOAP, WSDL, JAXB, and JAX- WS with java.
* Implementing the new message retry mechanism using kafka in the event of any failure in the downstream systems.
* Done Rest API Automation using Test NG, Log4j and XML, JSON Parsers.
* Used spring's test framework to create integration tests for various spring controllers to test our API using unit tests.
* Designed and developed Jenkins plugin as an end-to-end testing tool to increase Dev. Team productivity several times.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Validating RESTFUL Web services and automating the web services testing using Test NG, Log4j, JAXB and JSON Parser GSON. Created common classes and maintained the utilities.
* Involved in the configuration and administration of AWS (Amazon Web Services), EC2 (Elastic Cloud Computing) resources such as instances, EBS volumes, snapshots, elastic load balancers.
* Designed and implemented a Cassandra NoSQL based database and associated RESTful web service that persists high-volume user profile data for vertical teams.
* Authenticating Users and to provide the security to RESTful web services using OAUTH 2.0.
* Wrapped the web application to desktop application using electron.js.
* Worked with Node.js to make calls to the web services using URL’s which would perform GET, PUT and POST operations on the server.
* Used Microservices architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Cassandra and MQ message brokers and leveraging AWS to build, test and deploy Identity micro services.
* Worked with NoSQL database MongoDB and created pipeline from MongoDB Cluster.
* Involved in deploying systems on Amazon Web Services (AWS) Infrastructure services EC2.
* Extensively used hibernate named queries, criteria queries, Hibernate Query Language (HQL) to interact with database to perform database operations.
* Developed Data Access Layer using Hibernate ORM framework, Spring JDBC and Spring Transactions.
* Implemented and managed high availability (Replication) and load balancing (sharing) cluster of Mongo DB having TB’s of databases.
* Hands on experience with data base design in both SQL and NO-SQL databases
* Create SQL queries to join tables, aggregate data and modified PL/SQL queries to match the business requirements.
* Involved in the development of presentation layer and GUI responsive development using JSP, HTML5, CSS/CSS3, Bootstrap, jQuery.
* Experience in developing prototypes using responsive frameworks like Bootstrap.

**Environment:** Java 8, HTML5, CSS3, JavaScript, jQuery, XML, JSON, Bootstrap, Node JS, Electron JS, AWS, Spring, Struts, Hibernate, Cassandra, Oracle, PL/SQL, MongoDB, web service (RESTful), WebSphere, JUnit, JIRA, Mockito, Gradle, Selenium.

**JAVA/J2EE Developer June2012to Nov2015**

**Accel Frontline Ltd, India**

**Description**:Accel Frontline Limited provides integrated information technology (IT) and operations management services in India and internationally. The company offers software services, such as application development, product engineering, testing, and networking and engineering services; cloud, data center, application management, infrastructure management.

**Responsibilities:**

* Involved in Daily Scrum (Agile) meetings, Sprint planning, grooming to gather & understand requirements and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Used Test Driven Development (TDD), Unit Tests (Junit, Mockito), Gradle, JIRA issue navigator, GIT as a part of everyday tasks.
* Implemented React JS Controllers to maintain each view data where the client implemented the UI using React JS.
* Developed the unit test cases in Test Driven Development (TDD) and mock testing using JUNIT and Mockito frameworks.
* Developed Web applications using Java, J2EE, Struts and Hibernate.
* Developed the front-end using HTML, JavaScript, AJAX and CSS. Used the basic principles of MVC to incorporate the React framework to build client side application.
* Configured Jenkins in microservice apps for deploying and implemented Jenkins for the central build.
* Designed and implemented an application using Spring MVC, Spring IOC, Spring Transactions, and Dependency Injection using Spring Annotations, AOP, Container-managed transactions, and Hibernate.
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Used Jenkins and pipelines to drive all micro service authentication builds out to the Docker registry and then deployed to Kubernetes.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Spring Security for authentication and authorization of users, Spring JDBC for easy database operations using JDBC template and Spring Boot for easy bootstrap applications from scratch.
* Worked with IDE as Eclipse Juno and deployed into IBM Web Sphere 8.5 Application Server& used Maven build tool to achieve more functionality for build process.
* Developed web services components using Apache Camel, SOAP, WSDL, JAXB, and JAX- WS with java.
* Implementing the new message retry mechanism using kafka in the event of any failure in the downstream systems.
* Done Rest API Automation using Test NG, Log4j and XML, JSON Parsers.
* Used spring's test framework to create integration tests for various spring controllers to test our API using unit tests.
* Designed and developed Jenkins plugin as an end-to-end testing tool to increase Dev. Team productivity several times.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Validating RESTFUL Web services and automating the web services testing using Test NG, Log4j, JAXB and JSON Parser GSON. Created common classes and maintained the utilities.
* Involved in the configuration and administration of AWS (Amazon Web Services), EC2 (Elastic Cloud Computing) resources such as instances, EBS volumes, snapshots, elastic load balancers.
* Designed and implemented a Cassandra NoSQL based database and associated RESTful web service that persists high-volume user profile data for vertical teams.
* Authenticating Users and to provide the security to RESTful web services using OAUTH 2.0.
* Wrapped the web application to desktop application using electron.js.
* Worked with Node.js to make calls to the web services using URL’s which would perform GET, PUT and POST operations on the server.
* Used Microservices architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Cassandra and MQ message brokers and leveraging AWS to build, test and deploy Identity micro services.
* Worked with NoSQL database MongoDB and created pipeline from MongoDB Cluster.
* Involved in deploying systems on Amazon Web Services (AWS) Infrastructure services EC2.
* Extensively used hibernate named queries, criteria queries, Hibernate Query Language (HQL) to interact with database to perform database operations.
* Developed Data Access Layer using Hibernate ORM framework, Spring JDBC and Spring Transactions.
* Implemented and managed high availability (Replication) and load balancing (sharing) cluster of Mongo DB having TB’s of databases.
* Hands on experience with data base design in both SQL and NO-SQL databases
* Create SQL queries to join tables, aggregate data and modified PL/SQL queries to match the business requirements.
* Involved in the development of presentation layer and GUI responsive development using JSP, HTML5, CSS/CSS3, Bootstrap, jQuery.
* Experience in developing prototypes using responsive frameworks like Bootstrap.

**Environment:** Java 8, HTML5, CSS3, JavaScript, jQuery, XML, JSON, Bootstrap, Node JS, Electron JS, AWS, Spring, Struts, Hibernate, Cassandra, Oracle, PL/SQL, MongoDB, web service (RESTful), WebSphere, JUnit, JIRA, Mockito, Gradle, Selenium.

**Jr. JAVA/J2EE DEVELOPER July2010toMay 2012**

**Standard Chartered Bank, Chennai, India**

**Description**: The main intense of this project is to develop a Zar file which can be used by client to store data or record into database. We develop a Zar file with the help of Proc as the front end and PL/SQL as the backend. Using these Zar file we can fetch the data from different file formats such as.txt, xml,psv… and store into database. For development of these Zar file we use a tool as Talend Loader Framework which is an XML Framework.

**Responsibilities:**

* Performed analysis for the client requirements based on the developed detailed design documents.
* Developed Use Cases, Class Diagrams, Sequence Diagrams and Data Models using Microsoft.
* Developed user interface using JSP Tag libraries, JSTL Tags and JavaScript to simplify the complexities of the application.
* Consistently produced the highest quality code through disciplined and rigorous unit testing and integration testing.
* Used PCF to enhance out of the box integration with other modules.
* Used AJAX, HTML, CSS & JavaScript (jQuery) to create GUI Design Layout of the project.
* Implemented React JS Controllers to maintain each view data where the client implemented the UI using React JS.
* Started as a monolithic application that runs on Jboss, later migrated it in to a set of Spring boot and NodeJS, Micro Services
* Configured Kafka to read and write messages from external programs.
* Designed and developed Application based on Spring framework using MVC design patterns.
* Developed Struts forms and actions for validation of user request data and application functionality.
* Involved in Application Deployment on PCF using CF push and Urban code deploy.
* Application was built on MVC architecture with JSP, CSS, HTML and DHTML acting as presentation layer, Struts framework as business layer
* Developed JSP's with Struts custom tags and implemented JavaScript validation of data.
* Developed programs for accessing the database using JDBC thin driver to execute queries, prepared statements, Stored Procedures and to manipulate the data in the database.
* Involved in developing business tier using stateless session bean.
* Used JavaScript for the web page validation and Struts Validator for server-side validation.
* Used config-server options of PCF for maintaining application properties pertaining to each environment and enable communication via cloud
* Designing the database and coding of SQL, PL/SQL, Triggers and Views using IBM DB2.
* Design patterns of Delegates, Data Transfer Objects and Data Access Objects.
* Developed Message Driven Beans for asynchronous processing of alerts.
* Used ClearCase for source code control and JUNIT for unit testing.

**Environment:** Java, J2EE (Java Servlets, JSP, Struts), HTML, EJB, MVC Framework, JDBC, Maven, JBoss, SQL, Oracle, Apache Tomcat.

**Education:**

Bachelor’s:Electronics and Communication Engineering, Gitam University, Hyderabad.

Master’s:Electrical and Electronics,University of new Haven, Connecticut.