Naveen Kumar Bandela
469 524 9207
naveenkumar.java18@gmail.com

SUMMARY:

- 8+ years of experience as a Java Full stack developer and **Java/J2EE** Developer in full software development life cycle including requirement **analysis, design, coding, testing, debugging** and **maintenance**.
- Extensive experience in developing **JAVA** based applications using **JAVA, JEE, JDBC, EJB, Servlets, JSP, JSF, JMS** and **Web services**.
- Experienced with **SDLC** development involving requirements, analysis, design, implementation, maintenance, testing, and documentation of application software in Web and Enterprise based environment, and Distributed n-tier architecture.
- Extensive experience in developing Web interfaces using **HTML5, CSS3, Bootstrap, JavaScript, JQuery and AngularJS**.
- Experience in implementing **Java/J2EE** technologies for application development in various layers of projects i.e. requirement gathering, analysis, design, implementation, Unit testing and deployment from **UAT** to Prod.
- Proficient working on Java Frameworks like **Struts1.x/2.x, Hibernate 3.x, JSF**, and **Spring Framework 4.x**.
- Experience in developing Full stack applications using **AngularJS, NodeJS, HTML, CSS, JavaScript, Bootstrap, Java, EXTJS, JSF etc.**
- Experience in designing and development enterprise applications using **java, jsp, Servlets, JDBC, JNDI, RMI, EJB, JavaScript, XML, REST Web services, JMS, Java Mail, WSDL, SOAP 1.1, Hibernate**
- Hands on experience in various agile methodologies like Test Driven Development **(TDD), SCRUM**, and Pair Programming.
- Experience in working with Web/Application Servers like **Web logic, JBoss** and **Tomcat Servers** and **databases** such as **Oracle 10g/11g, DB2, MySql and SQL Server 6.5/7.0.**
- Experienced in developing Microservices with **Spring Boot, Spring REST, Spring Cloud, Eureka, API-Gateway etc**.
- Experienced in other front-end technologies such as **Typescript, BOOTSTRAP, Angular1.5, Angular2, Ajax, JSON, NodeJS etc.**
- Experience with **Spring Boot** and **Micro services** design and development.
- Hands on experience with **Core Java** with **multithreading**, **Concurrency, Exception Handling, File handling, IO, Generics, Data structures** and Collections, Garbage Collection
- Experience in working with **J2EE** technologies such as **Servlets, JSP, JDBC, EJB, JNDI, Java Beans, JMS, Object-Oriented (OOP)** and **Client & Server-side** technologies.
- Expertise in developing GUI using **Swing, HTML, DHTML, DOJO, Java Script, CSS, Angular JS, ReactJS**, **Bootstrap, Apache Cassandra, Full Stack JSF, XML, REST, JQuery** and **AJAX** scripting.
- Experienced in Software Development Life Cycle **(SDLC)** implementing Waterfall, V-Model, & Agile methodologies.
- Good understanding of **NoSQL** Database and hands on work experience in writing application on **NoSQL database** which is **Apache Cassandra**.
- Experience in developing Stored Procedures, functions, triggers using Oracle and comfortable using databases **SQL Server, DB2, MySQL**.
- Experience in working with Version Control Tools like **Sareena PVCS**, **Clear case, SVN, and Git-hub.**

- Extensive experience in design and development of J2EE applications using Core Java, Java Collections, Data Structures, Multithreading, Transaction Management, **JDBC, Servlets, JSP, XML, Web Services** and other open source frameworks and **APIs**.
- Designed UI layout using **HTML, CSS, JSP, AJAX, JavaScript, JQuery**, and **JSTL Taglibs.**
- Worked on **JavaScript** to validate input, manipulated **HTML** elements using **JavaScript**, developed external JavaScript codes that can be used in several different web pages.
- Expertise in IDEs for software development like **NetBeans, Eclipse, Eclipse STS, RAD.**
- Experience in working with various **Application Servers** like **IBM Web Sphere**, **Web Logic, JBoss** and **Apache Tomcat Servers.**
- Extensive use of Version Controls like **SVN, CVS and GIT subversions**.
- Experienced with **Jenkins** for build & deploy the applications.
- Extensive experience in usage of ORM (**Hibernate) in Spring framework**
- Extensive working experience with **SOAP and Restful Web services**.
- Worked with XML parsers like **DOM, SAX and JAXB**.
- Have good Working knowledge on **ANT, MAVEN and Log4J**.
- Have good Working knowledge on **Spring Boot, Micro Services**.
- Good working knowledge on IDEs such as **Eclipse and Intellij**.
- Hands on experience with Web & Application Servers such as **Apache Tomcat, JBoss**, and **Web Logic**.
- Experienced in Unit Testing, Functional Testing, System Testing, Integration Testing, and Regression Testing. Involved in writing **Junit** test cases.
- Expertise in developing reference implementation (Proof of concepts) for key deliverables by evaluating and executing with latest and optimal technology stacks.
- Have Good experience in resolving production issues.
- Possess hands on experience on handling Responsibilities like, coordinating with offshore team, study and understand the business processes and functionality of the Application, Managing / developing enhancement deliveries and new releases.
- Strong understanding of **OOPS concepts and design patterns**.
- Over one year of experience as Hadoop Developer with good knowledge in **Hadoop Ecosystem** technologies.
- Hands on experience in setting up databases in **AWS** using RDS, storage using S3 bucket and configuring instance backups to S3 bucket to ensure fault tolerance and high availability.
- Experience in developing **Map Reduce** Programs using Apache Hadoop for analyzing the big data as per the requirement.
- Experience using **Sqoop** to import data into HDFS from RDBMS and vice-versa.
- Self-motivated Team Player with excellent Interpersonal and Communication Skills.

TECHNICAL SKILLS:

Programming Languages:	JAVA, J2EE, SQL, PL/SQL, C, C++
J2EE Technologies:	EJB, Servlets, JSP, JSTL, JDBC, JSF, RMI, JNDI, JMS
Web Technologies:	HTML, DHTML, AngularJS, JQuery, XML, XSLT, CSS, JSON, JSON-DTD, AJAX, Bootstrap, NodeJS, ReactJS, IDE IBM RAD, RSA, Eclipse, My Eclipse, NetBeans, JBuilder, IntelliJ
Application/Web Server	IBM WebSphere, Oracle WebLogic, JBOSS, Apache Tomcat and Glassfish
Databases:	Oracle, MySQL, DB2.
XML Technologies:	XML, XSLT, XPATH, SAX, DOM, JAXB
Web Services:	SOAP, REST, JAX-WS, JAX-RPC, JAX-RS
Methodologies:	RUP (Rational Unified Process), Agile, Waterfall, SCRUM, Rapid Application Development.
Operating Systems:	Windows, Linux, UNIX
Application Frameworks:	Struts 1.x/2.x, Spring (Dependency Injection, Spring MVC, Factory Pattern, Spring Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring Security, Spring Boot, Spring Batch, Spring with Hibernate) ORM Frameworks JPA, Hibernate, Spring JPA, DAO OO Modeling Rational Rose, MS Visio Version Control Clear Case, SVN (Apache Subversion), CVS, Git
Other Tools:	ANT, Maven, Log4j, Jenkins, Junit, JIRA, AWS (Amazon Web Services), EC2, RDS, DynamoDB, S3, Micro services, Swagger.

Union Pacific Railroad, Dallas, TX   **Dec 2015 to Till Date**
Senior Java Developer

Locomotive Distribution and Assignment system has been primarily supported for strategic planning, Tactical planning, Assign Power and Fuel Plan.

Strategic planning: The model decides how many locomotives to use of each type, and also chooses the starting location, so that the system does not require a locomotive file with starting locations.

Tactical planning: This version of the system requires a locomotive snapshot with starting locations. In a production setting, the tactical planning system is set up to run continuously during the day, updating each minute as changes are made in the train schedule or status of locomotives. The tactical system can help plan repositioning of power, as well as anticipate problems before they happen. The core engine is the same as that used for the strategic planning system.

Assign Power: This Module is used for assign power to the existing plan.

Fuel Plan: This module is used for fuel filling terminals to the plan.

Responsibilities:

- Involved in developing the application using Java/J2EE platform. Implemented the **Model View Control (MVC) structure using spring**.
- Extensively used core java concepts like **collection frame work, multi-threading, OOPS** and Exception Handling.
- Involved in Analysis, Design, Coding and testing phases of the project management.
- Followed Agile Software Development with **Scrum methodology**.
- Involved in writing Controller Classes, Manager Classes and DAO Classes using **Spring MVC Framework**.
- Implemented spring configuration files for the beans defined and properties to be injected into them using **Spring Dependency Injection**.
- Experience used Spring Boot which is radically faster in building **Micro Services** and develops spring based application with very less configuration.
- Used **Hibernate framework with Spring Framework** for data persistence and transaction management.
- Responsible to enhance the web application UI using **HTML, JavaScript, AngularJS, XML, JSP, CSS** as per the requirements and providing the client side using java script validations.
- Used Hibernate as persistence framework mapping the ORM objects to table using **Hibernate Mapping** Pojos.
- Implemented user interface guidelines and standards throughout the development and maintenance of the website using **HTML, CSS, JavaScript, ReactJS and AngularJS.**
- Involved in using **ReactJS** components, Forms, Events, Keys, Router, Animations and Flux concepts.
- Server instances are created on AWS. Tomcat, Swagger and hawtio are installed and used for deploying Micro services.
- Involved in the development of user interface applications and professional web applications using **HTML5, CSS3, JavaScript, JQuery, Ajax, JSON, XML, NodeJS,** Bootstrap and **AngularJS**.
- Involved in the **JDBC, Servlets and JSP** technologies to write the UI and the business classes.
- Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) architecture and **Hibernate.**
- Experienced with **JMS** and Tibco server for message queuing.
- Developed data loader using **Spring Schedulers using Cron Expressions** for train horse power details, details and train schedules.
- Used **WSDL, SOAP, JAX-WS, JAX-RS** technologies to create web services, generate stubs and consuming the existing services.
- Created RESTful APIs in Express and returned logic through **AngularJS** data binding.
- Continuous Deployment using **Jenkins** and CA Release automation tool.
- Involved in writing JSP components. Used **JSTL** and developed **Custom Tag Library** to create standard dynamic web pages.
- Worked as part of **Micro services** team to develop and deliver Maven projects to deploy on tomcat.
- Demonstrated understanding of Core java concepts like **OOPS, OOAD, ORM, and REST.**
- Built NodeJS npm packages/libraries to support current and future **Node Development.**
- Implemented functionality like searching, filtering, sorting, validating using **AngularJS** and JavaScript.
- Involved in writing **JDBC** code to get data base connectivity.
- Leveraging AWS SDKs to interact with AWS services from your application

- Help migrate Web applications from the current on-premise environment into AWS.
- Developed test scripts in **JUnit** and involved in testing.
- Implemented the logging mechanism using **Log4j** framework.
- Used **SVN** for version control of the application.
- Working closely with the testing team in creating new test cases and use cases for the modules.
- Attending Sprint planning, Feature Refinement, Demo Session and Backlog grooming meetings.
- Coordinated with onsite team for requirement transition and providing the necessary inputs required for successful execution of the project.

Environment: JDK 1.8, Spring Framework 3.x, Hibernate 3.x, JMS, Web Services, JSP, HTML, Node, AWS, OOPS, CSS, Java Script, JQuery, AngularJS, Junit, Jira, Maven, Ant, Jenkins, JBoss.

Misys Financial Services, Bangalore, India   **Mar 2014 – Dec 2015**

Sr Full Stack Java Developer

Islamic banking is banking or banking activity that is consistent with the principles of sharia and its practical application through the development of Islamic economics. As such, a more correct term for Islamic banking is Sharia compliant finance. In this phase we have targeted for two products i.e. Murabahah, Ijarah.
Murabahah transaction involves the sale of goods at a price which includes a profit margin agreed by both parties. However, in Murabahah, the seller must let the buyer know the actual cost for the asset and the profit margin at the time of the sale agreement.
Ijarah is normally used in financing consumer goods especially motor vehicles. There are two separate contracts involved: Ijarah contract (leasing/renting) and contract.

Responsibilities:
- Analyzed user requirements and designed the user interfaces, object model, application server logic and schema.
- Created web pages for each project using **HTML5, CSS3** and **Java Script**.
- Developed Restful web services interface to Java-based runtime engine and account
- Used Core **Java & J2EE** patterns for designing the applications.
- Worked with designers to get **GUI** mockups.
- Developed web **UI** screens using **Spring MVC, AngularJS, HTML5, CSS3, JavaScript** and **CSS**.
- Responsible for maintaining and expanding **AWS (Cloud Services)** infrastructure using **AWS Stack** especially worked with database setup and maintenance on **AWS EC2.**
- Involved in writing code for Form **Beans, Java Actions, DTO** and **DAO** for accessing business methods in the business layer.
- Developed **UI** using **HTML5, CSS3, Ext JS, Bootstrap, JQuery** and JSP for interactive cross browser functionality and complex user interface.
- Used **NoSQL DB** like **Cassandra** for the proof of concept.
- Used **Struts2.0** and interacted with backend database using **Hibernate framework**
- Extensively used Hibernate in data access layer to access and update information from the Oracle database
- Developed presentation layer using **HTML5, CSS3, ExtJS, Java script**.
- Used Stored Procedures to crunch data and creating view for fetching data from multiple tables on **DB2.**

- Used **JDBC, MQ Series** and **Web Services**, and **Hibernate Framework** to access the data from **back-end DB2** database server.
- Implemented **Multithreading, Concurrency, Exception Handling**, **Generics** and Collections whenever necessary.
- Used **Hibernate Query** Language **(HQL)** for writing the queries
- Created **Hibernate** mapping files, sessions, transactions, **Query** and Criteria's
- Used Validator framework of the **Struts2.0** for **client side** and **server side** validation
- Implemented and used **Web Services** with the help of **WSDL** and **SOAP** to get updates from the third parties
- Created proof-of-concept using responsive **web design**, **Node.js, ReactJS**.
- Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
- Designed, Developed & Deployed server-side common utilities for the application and the front-end dynamic web pages using **Servlets, JSP, AngularJS, NodeJS, JavaScript, Bootstrap, HTML5/DHTML and CSS3**.
- Implemented Fallout mechanism using Message Driven **Beans, JMS**.
- Refactored existing **AngularJS** application for code maintenance based on **MVC** pattern.
- Used **Dojo** Toolkit provides an inheritance pattern using **Dojo/declare** to share modules of code between different projects.
- Used **DOJO** aspects to trigger functions before or after executing a specific function
- Worked with **QA team** to validate the test cases whether the test cases meeting business requirements or not
- Used **SAML** for **SSO** login to access the web service provided and **OAuth2** for authorizing the user to the application.
- Used **SVN** for version and source control.
- Deployed the applications into **LIVE** and **QA** Environment.
- Identified check style, **PMD** and Find bugs and fixed them.
- Reviewed the code developed by other developers.
- Involved in creating **JUNIT** test cases and ran the TEST SUITE using **EMMA** tool.
- Extensively involved in unit testing, worked with user's team to fix the bugs identified in Systems testing.

Environment: Java 1.7/1.6, J2EE, Servlets, JSP, HTML5, JS, CSS3, DOJO, AngularJS, Apache-Tomcat, Maven Repository, Jenkins, JMS, AWS, DOM/SAX, XML, XSD, XSLT, SQL, PL/SQL, Oracle 11g, JBoss, TOAD, SQL Developer, Eclipse, JUnit, CVS, Struts, MVC, EJB, Mongo DB, Oracle coherence, JSM, Web Services - WSDL, Node JS, JAX-WS, SOAP CXF, JAX-Restful Services, JAXP, React, JAXB, QC etc.

Vietnam Bank for Social Policies (VBSP) Chennai, India   **Oct 2011 to Jan 2014**
Java / J2EE Developer

Intellect is a banking product which is an integration of Core System, Lending System, Collateral and Brokerage. Lending is one of the main functionality involving Booking, Disbursal, Repayment schedule, payments, Excess Adjusting, Accrual calculation, Late Charges, Fees and Charges, Early settlement, Delinquency status.
Collateral modules support the operations like collateral addition, modification, release execution and asset addition, asset modification linking the asset with Collateral, Delinking the asset, asset release.

Responsibilities:
- Involved in all the phases of the project development - **requirements gathering, analysis, design, development, coding and testing**
- Worked closely with front end team and developed **single page dynamic web pages using web technologies - HTML5, CSS, Bootstrap, JQuery and AngularJS framework** modules in conjunction with **Bootstrap to render responsive web pages.**
- Implemented **SOAP based web services** using **Apache Axis with JAX-WS** support. Used **SoapUI** to test the web services.
- Used complete annotation driven approach to develop the application using **Spring Boot framework** and was also involved in setting up the **spring bean profiling.**
- Developed the date layer for the applications using **Spring Hibernate ORM** and developed various business logic and services using **HQL and Hibernate Criteria.**
- Developed entity classes and mapped to the relational tables in database using **JPA and hibernate mapping files.** Worked on **Oracle as the backend database** and used **hibernate** to automate the **mapping** between the **SQL Databases and the Java Objects.**
- Used **Java Mailing or Messaging Service (JMS)** for mailing detailed notifications depending upon the success and failure once the backend process is complete and also for mailing administrator of any system related problems.
- Implemented features like - monthly statement availability notifications using **Java Mail API through SMPT server of Gmail**.
- Configured **WebLogic Application Server** for deployments and participated in structured code reviews / walkthroughs.
- Wrote unit test scripts using **TestNG framework** for testing functionalities in a **Test-Driven Development (TDD)** methodology.
- Participated in **daily meetings, sprint planning etc.** as part of the **Agile Project Methodology** to deliver quality code in **2-week Sprints.**
- Used **Subversion** for version control management and consistently produced high quality code through disciplined and rigorous unit testing. Used **JIRA** for tracking bugs. Used **Maven** script for building and deploying the application.
- Used **Jenkins for Continuous Integration Builds and deployments** (CI/CD).
- Participated in integration testing, bugs fixing, handling change requests and code reviews.

Environment: HTML5, CSS, Bootstrap, JQuery, AngularJS, SOAP, Spring, Hibernate ORM, JMS, Oracle, WebLogic, TestNG, Subversion, JIRA, Maven, Selenium Web Driver, Jenkins, Agile, Eclipse

Bob Tech, Bangalore, India   **Aug 2009 to Oct 2010**
Software Engineer

Learning Management System is the E-learning based product .The main aim of this product is learning the courses through offline or online .There are four roles in the projects. I.e. Content Admin, Content Author, Validator, Learner. In this product Content Admin Create the courses (course modules and Assessment modules), Content Validator validates the course Modules and assessment modules but he cannot edit the content of the modules. After validation content admin publish course .Author assign the courses to the learners. Learner login into the application, he can read the course module and assessment (Test) .After completion of assessment learner can understanding to his performance. There are forums to clarify the learner doubts. We can create these roles dynamically according to one particular organization.

Responsibilities:

- Involved in all the phases of the project development - requirements gathering, analysis, design and development, coding and testing.
- Followed **Agile Software Development** with Scrum methodology.
- Used and configured Struts Dynamic Action Forms, Message Resources, Action Messages, Action Errors, **Validation.xml, Validator-rules.xml.**
- Developed the data layer for the applications using **Spring Jdbc**.
- Provided connections using Spring JDBC to the database and developed **SQL queries** to manipulate the data.
- Used Spring DAO concept in order to interact with database using **JDBC Template**.
- Implemented some applications by using Object Oriented Programming concepts, **Multi-Threading, Exception Handling, and Collections** while developing the project.
- Developed test scripts in **JUnit** and involved in testing.
- Implementing service classes for calling DAO methods.
- Performed the CRUD operations on the existing and new database tables.
- Used Subversion for version control management and consistently produced high quality code through disciplined and rigorous unit testing. Used Jira for tracking bugs. Used Maven script for building and deploying the application. Used **Jenkins for Continuous Integration Builds and deployments (CI/CD)**.
- Developed the **ANT** scripts for preparing WAR files used to deploy J2EE components.
- Used Log4j to print the logging, debugging, warning info on the server console.
- Deployed the war files on the **Tomcat** Server.

Environment: JDK1.5, Struts Framework 2.X, Spring Jdbc, SQL/PLSQL, Servlet, JSP, Bug Tracker, PMD, Tomcat, Mysql.

EDUCATION AND CERTIFICATIONS

Bachelor of Computer Science from Osmania University in 2008.