**Fnu Kanchan

**2012043371**

**Sr. Full Stack Java Developer**

**PROFESSIONAL SUMMARY**

* A dynamic and goal-oriented Oracle certified professional **Full Stack Java/J2EE** Developer with around 7+ Years of experience in requirement gathering, analysis, design, development & testing of web-based applications using **Java/J2EE**, **Spring framework,** **Spring Boot framework**, **Microservices,** Restful API, Angular 2, 4, 9, React JS, Redux, React Hooks technologies and having experience with TDD (Test Driven Design).
* Expertise in Core Java Such as OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Swing, Annotations, Enums, Concurrency, Multi-Threading, Lambda and Generics.
* Experience in understanding and using Design Patterns Singleton, Prototype, Façade, Factory and Observer.
* Experience in Designing and developing interactive Front- end applications using HTML5, CSS3 and AJAX.
* Experience in Designing and building dynamic and user interactive websites using JavaScript, AngularJS, React JS, Backbone.js, Express.js, Bootstrap, Node.js and jQuery.
* Experience in developing Web and Enterprise applications using technologies JDBC, Servlets, Web Sockets, JSP, EJB, Java Server Faces (JSF), Java Persistence API (JPA), JNDI and JMS.
* Experience in Developing Application using frameworks Spring Dependency Injection (DI), IOC, Aspect oriented Programming (AOP), Instrumentation, Integration, Security, Boot, Struts, IBatis and Hibernate.
* Experience in building flexible, reliable, efficient and secured Enterprise and Web based applications using Spring MVC and Spring Web Flow frameworks and spring boot.
* Involved in building API's using groovy.
* Strong Knowledge on Hibernate and in using Hibernate Connection Pooling, HQL, Collections, Hibernate Caching, Hibernate Transactions.
* Developed the application using AngularJS, Node.JS, UI Bootstrap, HTML5, CSS.
* Proficiency with Angular 2/4, JavaScript and HTML5.
* Developed POC on Angular 2.0 components and templates for the application, replaced Java script and used Typescript.
* Used Node.JS as Proxy to interact with Rest services and with database, building Real-time API’s.
* Developed mobile cross browser web application for real time location sharing using Node.JS, Angular JS JavaScript API.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Used React JS for templating for faster compilation and developing reusable components.
* Experience in writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like Oracle, MS SQL, MySQL and DB2.
* Experience in understanding and using NoSQL databases Mongo DB, Apache Cassandra, Apache Ignite, Dynamo DB, Couch DB and Redis.
* Expertise in using Version Control Systems like SVN, CVS, Git, Stash, Bazaar, Mercurial and Project Tracking tools like JIRA, Plan box, Lean Kit.
* Experience in using Testing frameworks in Test Driven Development (TDD) such as JUnit, Mockito, Power Mock, Easy Mock, Q Unit, Protractor, Cucumber and Selenium.
* Expertise in developing, Testing, Debugging, Integrating and Deploying Enterprise applications using Integrated Development Environments (IDE) IntelliJ IDEA, Eclipse and Rational Application Developer (RAD).
* Experience in Continuous Integration (CI) like Jenkins, Hudson, Travis, Bamboo and Continuous Deployment (CD) tools like Electric Cloud and Nolio.
* Extensive experience in UML Modeling diagrams developing Such as Use Case diagrams, Class diagrams and Sequence diagrams.
* Having Extensive experience in developing Web and Enterprise applications using Core Java and Advance Java (JEE) tools and frameworks.
* Used PowerShell for scripting
* Having very strong inter-personal skills and ability to work independently and within the group, can learn quickly and easily adaptable to the working environment.
* Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams and the senior management.
* **PROFESSIONAL CERTIFICATIONS - Oracle Certified Associate Java SE 8 programmer**

**TECHNICAL EXPERTISE**

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| **Languages** | Core Java, Java7, Java8, J2SE, J2EE, C++, C#, SQL and PL/SQL, Python |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSL, XSLT, Web Services, DOM & SAX APIs, AJX, Node JS, React JS, Bootstrap |
| **Frameworks** | Spring Framework, Hibernate, Struts, EJB 3.0, Angular JS, Angular JS 2, jQuery, Spring boot, Django. |
| **Web Services** | JAX-WS, JAX-RS, SOAP, WSDL, and RESTful |
| **Software Methodologies** | Object Oriented Analysis & Design, UML, SDLC (Agile, Iterative) |
| **Application/Web Servers** | WebSphere8.0, WebLogic 8, Tomcat 5.0, JBoss. |
| **Database Environments** | Oracle, MS-SQL Server, MySQL, IBM DB2, Sybase, MongoDB |
| **IDEs** | Eclipse, NetBeans, RAD, IntelliJ, TOAD, SQL Developer |
| **Testing Tools** | Junit, Mockito, Test-Ng. JWalk, Arquillian, Mocha, Jasmine |
| **Operating Systems** | Windows NT/XP/2000, Unix, Linux, Red hat Linux, Solaris |
| **Build & Integration Tools** | Apache ANT, Maven, Gradle, MS Build, Jenkins and Codeship |
| **Cloud Computing** | Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, and other services of the AWS family. |
| **Others** | CVS, Perforce, Clear case, Subversion, SVN, GIT, Docker |

**PROFESSIONAL EXPERIENCE**

**Client: MUFG Union Bank, San Jose, CA March’19 – Till Date**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Project is based on Agile (scrum) Methodology.
* Worked with product owner and business analysts to gather, review and finalize the requirements.
* Enhanced the existing user interface to give rich experience to the users using HTML, CSS, JavaScript, JQuery, AngularJS, Node JS. React JS and Bootstrap.
* Analyzed and designed the UI logic to improve the performance using JavaScript and JQuery.
* Developed reusable components and UI features using React JS.
* Developed new Ajax service calls in the existing system as per the new business requirements.
* Implemented user interfaces using JavaScript following React JS workflows.
* Developed new functionalities in the existing applications using J2SE, J2EE (Servlets, JSP), REST Api’s with the integration of external Vendor systems Tempus and GRC as per the business needs.
* Used Spring IOC, Spring MVC Framework, Spring AOP and Spring Security.
* Implemented and consumed REST service calls to process the data to and from our internal system to the vendor system (Cloud based and hosted outside of environment) which is being used by the Business for Resource management.
* Resolved existing High and Medium level vulnerabilities (SQL Injection, Directory Traversal and Cryptography) in the system. Used Veracode tool to scan the code and to ensure for delivering the secured applications.
* Used JMS pub-sub messaging domain to move the data between the integrated systems.
* Designed and developed Micro Services business components using Spring Boot.
* Created new application to connect to LDAP server and retrieve the user’s information as per the requirements using J2EE (JNDI) technologies.
* Developed several console applications using JAVA to connect and retrieve the source files from various data sources like Excel, Word, SharePoint, MS Access DB and Outlook.
* Used JAVA JDBC for creating applications to process the data from Excels to SQL Server.
* Developed a new service in the existing application using Java, J2EE and REST api to monitor the logs in Splunk tool and send an email report to the Business team.
* Installed, secured, and configured AWS cloud servers and Amazon AWS virtual servers (Linux).
* Experienced working with database setup and maintenance on AWS EC2.
* Implemented service methods and SQL queries to interact with the SQL Server.
* Developed Administrative website using Java POJO’s with Spring Framework and Hibernate to talk with Oracle in the backend.
* Developed JSP’s with the custom tag libraries for the control of the business process in the middle tier.
* Used log4j logging framework for logging potential errors.
* Used Mockito and Power mock tools for unit testing.
* Hosted applications in JBOSS server and for CI/CD used Jenkins.
* Used Maven as build tool and JIRA as project management tool.
* Utilized BitBucket as version control, also for UI flexibility used Source Tree.
* Involved in peer code review.
* Coordinated with the Offshore team; tracking on the Progress and assisting with the challenges in development.

**Environment**: Java , J2EE, HTML5, JavaScript, CSS3, JQuery, AJAX, Angular JS, Spring Framework, Spring MVC, Spring Security, Spring Boot, Spring Data (Spring JDBC, Spring ORM), JSP, Hibernate, Webservices, SOA Architecture, RESTful, OAuth, XML, JSON, Oracle DB, SQL Server, JUnit, Mockito, Powermock, Log4j, Web , JBOSS, Agile/Scrum Methodology, Maven, JIRA, Sourcetree, BitBucket, Postman, Veracode, Splunk, SQL Developer, SSMS.

**Client: Capital One, Dallas, TX Jan’ 17 – Feb’19**

**Role: Java Full Stack Developer/Java – J2EE Developer**

**Responsibilities:**

* Designed and coded application components in an Agile/TDD environment utilizing a test-driven development and SDET approach and pair-programming.
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Implemented the application modules using Spring Core layer (IOC), Spring Security, Spring AOP, Spring ORM, Spring Batch, Spring Rest web services to develop the application.
* Used different user interface technologies HTML, JavaScript, Angular 2 and JSON for developing the GUI of the application.
* Experienced in Angular2 Templates, directives, Routing and navigation, Components, Services and Data Binding.
* Involved in writing the front-end code for the application using Angular 4.
* Developed the application using AngularJS, UI Bootstrap, HTML5, CSS.
* Proficiency with Angular 2/4, JavaScript and HTML5.
* Developed POC on Angular 2.0 components and templates for the application, replaced Java script and used Typescript.
* Developing user-friendly interface to seamlessly combine the new module with existing
* Login system by using Google Web Tool Kit (GWT), Java Script framework and jQuery.
* Developing various backend application programs, such as views, Functions, Triggers.
* Procedures and Packages using SQL and PL/SQL.
* Getting started on developing new library with micro services architecture using Rest APIs, spring boot and pivotal cloud fundry.
* Carried out requirement analysis and business user walk through, developed design documents and implemented based on need following Agile Methodologies.
* Involved in scrum Methodology for the workflow
* Used SVN and GIT for accessing the repositories and maintaining the code
* Used JIRA Tool for keeping track of bugs, Issues, workflow and releases.
* Involved in the SIT, UAT, BCP and Hyper care activities and solving productions issues and doing Root Cause Analysis & troubleshooting operational issues.
* Used Hibernate ORM tools which automate the mapping between SQL databases and objects in Java.
* Extensively used Hibernate in data access layer to access and update information in the database.
* Design of GUI using Model View Architecture STRUTS Frame Work.
* Integrated Spring DAO for data access using Hibernate
* Created hibernate mapping files to map POJO to DB tables
* Involved in the Development of Spring Framework Controllers
* Developing application using Spring core module and POJO's using Eclipse and worked on Messaging service.
* Designed and developed the XSD for WSDL.
* Developed user interface using JSP, JSP Tag libraries JSTL, HTML, CSS, JavaScript to simplify the complexities of the application
* Involved in developing the Pig scripts.
* Currently working on fitness tool which aids in Test Driven Development.
* Used JMS for the asynchronous exchange of critical business data and events amongJ2EE components and legacy system.
* Worked with Map/Reduce and stream processing e.g. Storm
* Worked with NoSQL databases such as Cassandra, MongoDB, and Riak
* Supported and provided important feedback to various development teams with regards to the grid computing and caching technology.
* Developed User Interface in JSP, JavaScript and HTML with Backbone JS Framework.
* Designed and developed REST-Ful style Web Service layer and WSLD.
* Implemented a generic interface to Hibernate criteria API for UI search functionality.
* Developed SQL, PL/SQL, stored procedures along with Shell Scripting- database application scripts.
* Deployment of web, enterprise java components, messaging components and multi-threading.
* Developed XML Schemas - XSD, DTD for the validation of XML documents, also used Subversion.
* XML SAX and DOM API, JDOM, XSLT was used for informative view.
* Used XML web services using SOAP to transfer the amount to transfer application that is
* Used SWING for GUI based coding.

**Environment:** Java 1.4, J2EE, JSP 2.0, PL/SQL, Spring 2.0, UI Bootstrap, HTML5, CSS, AngularJS, Angular 2,4, EJB 2.0, JavaScript, JMS, JNDI, Oracle, XML, DOM, SOAP, JUnit, Apache Camel, WebSphere 8.5, Hibernate 3.0, JDBC, MS SQL Server 2012, JESS, REST-Ful Web service,XML, Weblogic 8, Jboss Drools, SOA Design Patterns, Cassandra, NOSQL, Hadoop, GUI,SOAP.

**Client: T-Mobile, Bellevue, WA July ‘2016 – Jan’2017**

**Role: Java – J2EE Developer**

T-Mobile Universe 2.0/ 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. Enterprise architecture has all three layers Façade, Core and Ericsson (backed system).

**Responsibilities:**

* Experience in Design, Development and implementation of several J2EEframeworks like Model View Controller Struts1.1/1.2, Spring, Hibernate and EJB2.0.
* Involved in Analysis, Design, Development, UAT and Production phases of the application.
* Experience in Waterfall Model, Agile methodologies such as Scrum and Test-Driven Development.
* Design classes in backend to process various requests from front end and to generate responses using Servlets, core java and PL/SQL.
* Developed Microservices & APIs using Core Spring, Spring MVC and Used JMS (Java Messaging Service) as messaging system between the APIs and Microservices.
* Used Hibernate to improve the application throughput, and created the mappings to fit the existing table structure.
* Extensively worked on both consumption & producing of RESTful based webservices using JAX-RS & jersey parsers.
* Configured Kafka to handle real time data
* Used AngularJS as the development framework to build a single-page application.
* Developed the UI screens using HTML5, CSS3, Ajax & Jquery.
* Outstanding .NET Full-Stack Developer with proven expertise in all phases of SDLC
* Involved in performance tuning of application, monitoring the end of day load and application behavior using JProfiler.
* With the concept of ReactJs Worked on usage metrics and also end to end events tracing for analysis purpose
* Analysed the Maven dependency management in base code to annotate the dependencies on to Spring Boot application in to Gradle for Micro Services.
* Applied various j2ee design patterns such as Front Controller, Factory, Singleton, Business Delegate, Session Façade, Service Locator, DAO etc. throughout the application for a clear and manageable distribution of roles.
* Prepared architecture plan to create the Azure Cloud environment to host migrated IaaS and PaaS role instances for refactored applications and databases
* Experience in planning and executing the application migration to a cloud environment based on Windows Azure Pack.
* Experienced with CI tools and Version Control Tools or Source Code tools.
* Building the CI/CD process from scratch
* Containerizing the integration process by gitlanab CI within docker.
* Implementing gitlab CI, gitlab, docker, maven.
* Implemented the order grouping module using heavy multi-threading concepts & latest java 1.8 concurrency features to make the code thread safe.
* Developed Session Beans to process user requests and to load and store information from database.
* Wrote Stored Procedures and complex queries in Oracle 11g database.
* Involved in building and maintaining cloud-based infrastructure on AWS.
* Converted the web sites to web applications to make Azure compatible
* Designed and developed JUnit test cases during the development phase.
* Used Jenkins for continuous integration and Maven for building the EAR file.
* Served as POC for on call support in the production team on a rotation basis.

**Environment**: Java 1.8, Oracle 11g, Cassandra, PL/SQL, Spring 3.0, Spring Boot, Spring MVC/JDBC, Angular JS, React Js, Azure, Maven, Jenkins, Linux VMs, Selenium, Test NG, Weblogic 10, JBOSS, Hibernate, AWS, CVS.

**Client: ICICI Bank, Hyderabad, India. Aug ‘2014– Dec’ 2015**

**Role: Java Developer**

The application was a highly secured, multilingual online transaction system, which had an intranet and internet module. The Internet serves as the front end to the clients (debtors and creditors of the enterprise), and the employees of the firm access the Intranet. The system is also integrated with the already existing legacy applications in the enterprise.

**Responsibilities:**

* Worked in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, analysis and development.
* Designed and developed the front-end using HTML, CSS, and JavaScript with Ajax.
* Designed use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase using Rational Rose.
* Developed the application implementing Spring MVC Architecture with Hibernate as ORM framework.
* Utilize Camel to integrate microservices with other microservices and RabbitMQ messaging exchanges.
* RabbitMQ was used to send/receive asynchronous data
* Responsible in developing Spring Boot Microservices from scratch.
* Developed single page applications, components using Angular JS directives, controllers, view and routing, service modules.
* Knowledge on Angular JS for effective Web Application Development.
* Developed a JavaScript performance testing toolkit for web and Node.js applications.
* Used JNDI to perform lookup services for the various components of the system.
* Developed the Enterprise Java Beans (Stateless Session beans) to handle different transactions such as online funds transfer, bill payments to the service providers.
* Developed deployment descriptors for the EJB have to deploy on Web Sphere Application Server.
* Used Mongo DB for persisting Json.
* Java Based Quality Center plugin which can be used in any tools such as Selenium, RFT etc. Developed Ruby on Rails web applications using MongoDB and back-ground processes using Resque and Redis.
* Worked on Distributed messaging system RabbitMQ to send messages to Existing Applications.
* Implemented Service Oriented Architecture (SOA) using JMS for sending and receiving messages while creating web services.
* Developed Web Services for data transfer from client to server and vice versa using Apache Axis, SOAP, WSDL, and UDDI.
* Designed and coded highly-available systems/web applications with java script, Node.js. Provided Node.js for architecture. Used Hibernate to access database and perform database updating.
* Experience in working with Groovy on Grails framework which makes creating complex workflows much simpler.
* Implemented a highly-scalable vertical and horizontal, performance efficient Drools architecture.
* Involved in designing front-end screens using Java script, JSP, JSTL, Angular JS, Backbone JS, AJAX,HTML5, CSS3 and DHTML.
* Involved in production support, monitoring server and error logs and Foreseeing the Potential Issues, and escalating to the higher levels.
* Hands on experience in writing light weight Node.JS express server and used technologies like Ajax, JavaScript/JQuery, Json to make connections between server and databases like MongoDB and MySQL.
* Experience in working with the Columnar NoSQL Database like HBase, Cassandra to manage extremely large data sets.
* Experience in data extraction into DataStax Cassandra cluster from Oracle (RDBMS) using Java Driver or Sqoop tools.
* Extensively worked on MQ Series using point-point, publisher/subscriber messaging Domains for implementing Exchange of information through Messages.
* Developed XML documents and generated XSL files for Payment Transaction and Reserve Transaction systems.
* Implemented various J2EE Design patterns like Singleton, Service Locator, Business Delegate, DAO, Transfer Object, and SOA.
* Worked on AJAX to develop an interactive Web Application and JavaScript for Data Validations.
* Used Subversion to implement version control System.
* Build ANT Script for the application and used Log4J for debugging.
* Used JUnit Framework for the unit testing of all the java classes.

**Environment:** JDK 1.5, J2EE, EJB 2.0, JNDI 1.2, Hibernate 2.1, Spring 2.0, HTML, JavaScript, XML, CSS, Node.js JUnit, UML, MQ Series, Web Services, SOAP, WSDL, Backbone JS, UDDI, AXIS 2, Ajax, JUnit, Ant, Eclipse 3.3, IBM Web Sphere 6.1, DB2, subversion, Linux.