Prasanna Kumar Ale 

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**PROFESSIONAL SUMMARY:**

* Around 9+ years of experience in Software analysis, Design, Development, and Implementation. Involved in hands-on development using Java/J2EE technologies.
* Expertise in Core Java with strong understanding and working knowledge of Object-Oriented Concepts like Collections, Multi-Threading, concurrency framework.
* Expert in UML, Design methodologies and design patterns.
* Experience as Oracle PL/SQL Developer in Analysis, Design, Data Modeling Logical and Physical Implementation of Business Applications using the Oracle Relational Database Management System RDBMS.
* Extensive knowledge in Client/Server Technology, GUI Design, Relational Database Management Systems RDBMS, and Rapid Application Development Technology.
* Expertise in application development frameworks like Struts, Spring, and Hibernate.
* Extensive knowledge in working with J2EE technologies such as Servlets, JSP, JDBC, EJB, JNDI, JSF, Java Beans, JMS.
* Experience in designing and developing multi-tier enterprise applications using Java and J2EE technologies like Spring, Spring boot, Spring Security etc
* Experienced in using Pivotal Cloud Foundry to deploy Micro Service applications and provide Centralized configuration management for micro services using Spring Cloud Config Server.
* Experience in testing, documentation, production support, applications developing for Banking/ Financial Services, Insurance Retail / e- Commerce clients using J2EE/JAVA Architecture and Kafka.
* Experience with Apache Kafka and Zookeeper apart from JMS as messaging Service.
* Expertise in developing front - end systems with JavaScript, Bootstrap, HTML5, CSS3, MVC frameworks such as Angular JS as a platform for Web applications.
* Good knowledge and working experience in Angular
* Experience working with Single Page Application using Angular Java Script
* Hands on experience in building an enterprise scale highly componentized application using Angular Java Script
* Expertise in various open-source frameworks like Struts 2.x, 1.x, Spring, JSF, Ext JS and ORM Technology like Hibernate 3.0.
* Experience in the design and development of SOAP and RESTful web services and integrating with the existing applications.
* Extensive experience on BEA WebLogic, WebSphere, Sybase and Oracle.
* Expertise in Agile and Waterfall Software Development Methodology including Scrum and Test-Driven Development.
* Extensive experience in writing complex PL/SQL queries.
* Experience in build scripts for enterprise applications using ANT, Maven and Gradle.
* Excellent communication and interpersonal skills.
* Spring Boot Developer with experience in application components using Spring Boot application development experience in Java 7/8, Spring Framework, Spring Boot following industry
* Essential skills are Java 7, Java 8, functional aspects, Spring Framework (It is important that the resources are familiar with the current Spring platform and its capabilities), Spring Boot, Spring Integration
* Asynchronous and Non-Blocking transfer of data as an Event stream using Reactive Programming.
* Used Spring Web Flux to implement the Router and Handler Functions.
* Used Reactive programming and implemented Reactive Streams Publisher, Subscriber, Subscription.

**EDUCATIONAL QUALIFICATION:**

* Bachelor of Engineering in Information Technology.

**TECHNICAL SKILLS:**

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| Languages | Java 1.8/1.7/16. /1.5. J2EE, Servlets 2.5/2.4, JSP, JDBC 3.0, JSON, Ajax, JDBC, JavaScript, HTML5, CSS 3, Bootstrap, JSF, XML, XSD, XSLT, XPATH, SQL, PL/SQL, WSDL, JUnit, Regular Expressions. |
| Frameworks/ORM | Spring 4.0, Hibernate 4.2, Struts 2.0, |
| Web Technologies/J2EE | JSP2.2/2.1, EJB 3.0, Jquery 2.1, JSTL 1.2, AJAX, XML, JavaScript, Angular JS 4.X/2.X, EXT JS, HTML5, CSS3, JSON, XSLT. |
| IDE’s | Eclipse, My Eclipse, NetBeans, IntelliJ IDEA, Spring Tool Suite (STS). |
| Databases | Oracle 12c/11g/10g, MySQL 5.0/4.1, SQL Server |
| Web Services | RESTful web service, SOAP, WSDL, JAX-RS, JAX-WS JMS, JAXB. |
| Version control/Build Tools | Git, SVN, CVS, Clear Case, Jenkins, Maven 3.0, Ant. |
| Testing Tools | JUnit, TestNG, Selenium, Mockito. |
| Web/Application Servers | WebLogic 10.0/9.0/8.0, Tomcat 8/7, JBOSS 6.x/5.x, Web sphere 8.5 |
| Operating Systems | Windows 10/8/7/NT/XP/2000/98, Unix, Linux |
| Design Patterns | Singleton, Abstract Factory, Business delegate, Service locator, Model View Controller, Session facade, DAO, Composite, Adapter, Proxy. |

**PROFISSIONAL EXPERIENCE:**

**Java/J2EE –Production Support – CapitalOne/ CTS, TX, Plano. Nov 2019 – Present**

Auto Loan Tracker is an application which leverages an API. API accesses the Mongo DB. In real time to fetch/read financial events information data. This feature has a batch job which loads the data into Mongo DB once a day. There are 2 components which connects to mongo API channels using the API -EASE. Also worked in fixing cyber vulnerabilities.

**Responsibilities**

* Contributed in all phases of the development lifecycle.
* Writing well-designed, efficient, and testable code.
* Conducting software analysis, programming, testing and debugging.
* Worked in Agile/Scrum cross functional to accomplish team goals.
* Worked in development, testing, deployment of applications using Spring boot, node Js, Spring batch.
* Development of microservices using spring boot using Spring Cloud.
* Used Spring boot Actuators for monitoring.
* Worked in docker, Kubernetes and helm Charts.
* Worked in AWS S3, ECS, Rout53, EC2, IAM and Cloud Watch.
* Worked on Splunk developing dashboards and also Grafana for monitoring
* Worked in container orchestration platform using Docker to migrate to Docker based PaaS platform and also created automated images.
* Worked with CI/CD using Jfrog, one pipeline jobs.
* Worked with unit testing framework Junit, Mockito.
* Worked on GitHub repository.
* Worked on Java 8 streams, Parallel streams, lambdas and Java 8 predicates.
* Used Springboot on the server side and to install necessary packages into the application.
* Developed crypto rest services using NodeJS and integrated services with HSM (Hardware Security Module).
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Used node.js as a proxy to interact with RESTful services and interacting with PostgreSQL Database.
* Involved in web application development for backend system using angular 4, angular CLI, Webpack, HTML5
* Created Angular HTTP Client interceptors to add necessary JWT tokens for the outgoing requests from UI.
* Defined Angular routes using Router module for components at module level to enable lazy loading for modules and components.
* Used Spring Kafka API calls to process the messages on Kafka cluster.
* Used Kafka stream state store for aggregations.
* Experience in Integration tools like Spring Integration, Apache Kafka to integrate the enterprise application technologies with existing JVM environment.
* Used Kafka Connector for publishing and consuming Kafka messages.

**Environment:** Java, J2EE, Core Java, Maven, Spring 2.1.3,JPA, JDBC, Jenkins, Apache Tomcat 8, Node JS Apache Camel, Spring Boot, Git, Eclipse IDE, Junit, WinSCP, MS SQL Server, docker, Spring, Windows.

**Java/J2EE Developer – Ameriprise Financial Services/ TCS, Minneapolis, MN. Oct 2018 – Oct 2019**

Bank CDM (Credit, Mortgage) is an application where client can get an advisor for his Banking Services for all the work streams. In this application Once client gets enrolled, he will be receiving all privileges and alerts associated with his account. This application will do the ETL process loading the records from staging table to daily table. After the loading it will be triggering each component as workflows.

**Responsibilities:**

* Contributed in all phases of the development lifecycle.
* Writing well-designed, efficient, and testable code.
* Conducting software analysis, programming, testing and debugging.
* Worked in Agile/Scrum cross functional to accomplish team goals.
* Worked in development, testing, deployment of applications using Java, J2EE, Spring boot 2.1.4, Web Services (REST, SOAP)
* Working experience in Spring modules core, beans, context, expression language, ORM, maven-gradle.
* Developed microservices using SOA Architecture.
* Worked in container orchestration platform using Docker to migrate to Docker based PaaS platform and also created automated images.
* Worked with CI/CD using bamboo and deploying code in Mesosphere.
* Worked with unit testing framework Junit, Mockito.
* Worked on GIT, bamboo for the code commit.
* Worked on Java 8 Stream API and Lambda expressions.
* Experience in Client Scripting language and server-side scripting languages like HTML5, CSS3, JavaScript with ECMA6 features, TypeScript and Node.js.
* Built SPA with loading multiple views using route services using Angular and Node.js.
* Involved a full complement of Express.js, Angular 2, Node.js and MongoDB to store and present assessments.
* Involved in making of efficient and fast application running using Node.js Non-blocking I/O.
* Implemented unit test cases using Karma Runner and Jasmine for Angular on client side and Chai for Node.js for testing endpoints.
* Extensive use of Node js and Mongo DB along with Mongoose.JS to create server-side applications.
* Developed a Micro Service Oriented application with React JS in the front end and
* Spring Boot services in the back end.
* Modules for the Front-end are integrated to Back-end using iBATIS framework.
* Worked with Jenkins Continuous Integration and Continuous Deployment (CI/CD).
* For client-side view rendering services, used React JS typically used various predefined Redux libraries.
* Mocha test runner and Chai test framework are used to test React JS components.
* Used Webpack module bundler and Babel java script compiler in accompanying React JS.

**Environment:** JDK 1.7/1.8, J2EE, Core Java, Maven, Spring 2.1.3,JPA, JDBC, Jenkins, Apache Tomcat 8, Apache Camel, Active MQ, Git, Eclipse IDE, Junit, WinSCP, MS SQL Server, docker, Jfrog, Bamboo, Mesosphere, Windows.

**Full Stack Java Developer - UL Transaction and Security – Atlanta, GA Feb 2018 – Sep 2018**

Amex Test System (ATS) is a self-test platform (STP), it was originally built with the idea to be certification platform and was used to certify terminals and merchants and processor systems. Its primary focus is to certify devices on the payment flow. ATS has two major components Web application and host simulator. Host simulator has authorizations and file processing.

**Responsibilities:**

* Involved in Requirements gathering, Designing, Coding, Unit testing and Integration Testing phases of the project.
* Responsible for design and development of UI screens for the application using **HTML5, JavaScript, AngularJS, jQuery.**
* Implemented **RESTful** webservices to make rest calls from client to server.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC).
* Used **Spring JDBC and Spring Hibernate** to manage Data Access with DAO design pattern.
* Used Spring Boot and developed the application as microservices.
* All the functionality is implemented using **Spring IOC** and **Hibernate ORM**. Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions** and Spring security modules.
* Implemented the Project structure based on **Spring MVC** pattern using **spring boot**.
* Developed **Spring Batch** processing java application to read different file formats which feeds to the database.
* Created builds using Maven and pulled the project code from GitHub repositories.
* Used **Jenkins** as CI tool.
* Wrote Stored Procedures and complex queries in MYSQL database.
* Integrated configured Camel with ActiveMQ to use it as bus.
* Deployed in Linux environment and used Tomcat as application server, UNIX shell scripts for data migration and batch processing.
* Developed test cases using **Junit** and created stubs using **JMockito** framework.
* Performed server migration using cloud services like AWS from physical to cloud environment.
* Implemented the project in Agile methodology & participated actively in daily stand-up calls.
* Served as POC for on call support in the production team on a rotation basis.

**Environment:** JDK 1.7/1.8, J2EE, Core Java, HTML5, CSS3, Bootstrap, Angular JS 1.x, jQuery 2.0, JSON, Maven 3.0, Spring 4.x,Spring MVC, JPA, JDBC, Jenkins, Apache Tomcat 8, Apache Camel, Active MQ, Git, IntelliJ IDE, Junit, Mockito.

**Full Stack Java Developer - Blue Cross Blue Shield, NC Oct 2017 - Jan 2018**

This application Patient Recruitment, Design and Retention (PDR) is an end-to-end clinical trial patient recruitment, engagement and retention platform, with downstream capabilities enabling better clinical trial design. Current challenges include poor patient matching to trial criteria, insufficient pool of eligible patients, drop out of recruited patients, and new trials designs. PDR have two distinct portals to manage user functionality: A Patient Portal to manage all patient-centric functionality and a Trials Portal to manage functionality for Quest, CRO, Sponsor, PI/Physician and other users.

**Responsibilities:**

* Involved in Analysis, Design, Development, UAT phases of the application.
* Developed REST web services for implementing the business logic for different functionalities in the features that are developed.
* Utilized CSS3, HTML5, jQuery, JavaScript and Angular JS 2.0 for the development of UI.
* Designed and developed the REST based Microservices using the Spring Boot.
* Refactored the code for JVM Optimization and performance of application using Profiles, concurrency API and multithreading.
* Implemented Queues using JMS and MDB’s
* Implemented J2EE standards, MVC architecture using Spring Framework.
* Worked on Spring Core layer, Spring ORM, Spring AOP in developing the application components.
* Developed the application using Eclipse IDE and worked under Agile Environment.
* Used JPA with Hibernate provider and implemented business logic components.
* Developed complex queries, stored procedures, triggers, functions and sequences.
* Involved in building and maintaining cloud-based infrastructure on AWS.
* Implemented logger for debugging using Log4j
* Wrote Junit and Mockito test cases for unit testing and followed TDD approach
* Actively participated in the daily scrum meetings and bi-weekly retro meetings for knowledge sharing.
* Used Jenkins as integration tool and Maven build tool and deployed into mesosphere.
* Used Git for version control.
* Served as POC for on call support in the production team on a rotation basis.

**Environment:** Java 1.8, CSS 3, HTML 5, Spring 4.0, JPA, Hibernate 4.2, Spring Boot, JMS, AWS, Maven 3.0, Log4J, JavaScript, JUnit, My SQL, GitHub, Oracle 12c, Angular 2.0, REST Web Services, Jenkins, JUNIT 4.0, IBM WebSphere 8.5.

**Java Developer - Bank of America – Charlotte, NC Aug 2014 - Sep 2017**

CLEAR (Client Electronic Access and Reporting) is an application which supports file transmissions over various protocols including Connect Direct, AS2, SFTP, FTP, MQ, Mailbox Add etc. from the Bank to various Trading Partners. The files undergo various masking using the cryptographic standards like PGP encryption, decryption and Swift 3skey signature validations. The Trading Partners have SLA’s (Service Layer Agreements) which will ensure delivery in the agreed time frame.

**Responsibilities:**

* Involved in analysis, design and development and testing phases of SDLC using Agile Methodology.
* Involved in implementation of the presentation layer (GUI) for application using HTML, CSS, and JavaScript, jQuery and Angular JS.
* Used Spring MVC framework to enable the interactions between JSP/view layer and implemented different design patterns with J2EE and XML technology.
* Using Spring Framework implemented dependency injection, Action classes through Application Context XML and initialized managed beans and services.
* Designed and developed REST/HTTP APIs, including JSON data formats and API versioning strategy.
* Used Swagger and YAML for documenting the REST API’s.
* Created and consumed SOAP Web Services using Axis 2.0.
* For reporting, logging and Transactions purposes used Spring AOP.
* Developed persistence layer Data access objects using DAO pattern, JDBC, Hibernate.
* Designed Hibernate mapping files based on business logic and Object relationships.
* Deployed the application on WebSphere application server.
* Implemented the application using Spring Boot and Microservices.
* Develop SQL and PL/SQL scripts to transfer tables across the schemas and databases.
* Focused on Test Driven Development thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Used Jenkins for continuous integration.
* Analyzed the Maven dependency management in base code to annotate the dependencies on to Spring Boot application in to Gradle for Micro Services.

**Environment:** Java 1.6, Spring 3.0, Hibernate 3.0, Angular JS, jQuery, HTML5, CSS3, WebSphere 8.0, SVN, Eclipse, Windows, Junit, Selenium Jenkins.