**Devi Prasad**

deviprasad6799@gmail.com

**Summary:**

* Around 9 years of extensive experience as a **Full Stack** **Java/J2EE Developer** building web-based enterprise application for various domains.
* Well versed with complete **Software Development Life Cycle (SDLC)** using various methodologies like **Agile and Waterfall Model**.
* Well versed with complete **Software Development Life Cycle (SDLC)** using various methodologies like **Agile and Waterfall Model**.
* Good Understanding of Object-Oriented Programing Design, **Multi-Threading**, Serialization, Synchronization, Collections, **Data Structures and Algorithms**, Exception Handling, Garbage Collection.
* Good experience using Java technologies: **Core Java, JDBC, JMS, JSPs, Servlets, JPA, EJB, Swing, Applets** and **JSTL.**
* Experienced in using J2EE Design patterns, MVC, Singleton, Session, Façade, Service Locator, Data Access Object, Business Delegate and Factory.
* Good experience with Java 8 features like **Streams API, Functional Interfaces, Lambda Expressions, Optional class** and **Parallel Sort** in **Arrays.**
* Expert in developing web applications using MVC design patterns like **Spring MVC** and **Struts 2.**
* Hands on Experience with different modules of Spring **framework 4.x** like **Spring Core Container, Spring MVC, Spring AOP, Spring Data JDBC, Spring Data, Spring REST, ORM Integration Module, Spring Cloud, Spring Security, Spring Boot.**
* Extensive experience in Object Relational Mapping (ORM) using **Hibernate 4.x**, **MyBatis** and **Spring Data JPA** frameworks.
* Experience in developing applications as **Microservices** using **Spring Boot** based on **Service Oriented Architecture (SOA).**
* Experienced in producing and consuming **SOAP** and **RESTful** based Web Services using **JAX-WS, JAX-RS, JAX-B** and implementing using **Jersey, Spring REST**.
* Experience in integrating the internal security model into new projects with **Spring Batch, Spring Microservices** and **Spring Boot, Pivotal Cloud Foundry and Netflix Eureka.**
* Expertise in developing **GUI** using Web-development technologies like **HTML, DHTML, DOJO, JavaScript, CSS, HTML5, Bootstrap, Spring Boot, JSF** and **jQuery**.
* Extensive experience of working with RDBMS like **Oracle 11g/12c, MySQL 5.x** and non-relational database **MongoDB 3.x.**
* Install, configure, test, monitor, upgrade, and tune new and existing **PostgreSQL** databases.
* Created unit test cases using **Junit 4.x and Mockito** within **Test Driven Development (TDD)** environment for the back end and used **Jasmine** for testing the front end.
* Experience in creating build scripts using **Ant**, **Maven** and **Gradle** tools and scripting **Docker files** and deploying onto **Docker** **containers**.
* Experience in configuring and deploying Web Applications using **Web Logic**, **IBM** **WebSphere**, **JBoss**, **Apache Tomcat** and **Glassfish**.
* Experience in de-bugging using implementation of **Apache Log4j** for logging and **Jira**, **GitLab**, **Bugzilla** for issue-tracking. Used performance test tools (i.e., **Apache JMeter** and **JProfiler**) to analyze and resolve performance bottlenecks.
* Very good experience in using **Git**, **SVN**, **CVS** for version control and **ZenHub** for Project Management.
* Expertise in developing enterprise applications using **Jenkins** for **Continuous Integration and Continuous Deployment (CI/CD)** and extensive experience with **Splunk**.
* Extensive experience in Amazon Web Services (AWS) like **EC2**, **Simple** **DB**, **RDS**, Elastic Load Balancing (ELB), **SQS**, **SNS,** AWS Identity and access management, **AWS Cloud Watch**, **Elastic** **Beanstalk**, **Elastic Cache, AWS EMR** and **Cloud Front**, **Redshift**.
* Worked with **RabbitMQ, Apache Kafka** forreliable and asynchronous exchange of important information between the multiple business applications.
* Proficient in generating reports by integrating **JasperReports, JFreeCharts, Apache POI, Apache iText** andDynamic Data Visualization tools like **D3.js**.
* Worked with IDE’s like **Eclipse, Visual Studio, Android Studio, PyCharm and IntelliJ IDEA** for project development.

**TECHNICAL SKILLS:**

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| **Enterprise Java** | Servlets, JSP, JDBC, JMS, JSTL, JPA, RMI, JavaBeans |
| **Front-End Stack** | HTML5, CSS3, JavaScript 2.0, jQuery, Bootstrap 4/3, AJAX, React JS |
| **Frameworks** | Spring 4.x, Spring MVC, Spring Rest, Spring Web Flow, Spring Security, Spring Boot, Spring Data JPA |
| **Databases** | Oracle 12c/11g, MySQL 5.x, SQL Server, MongoDB 3.x, HBASE, Cassandra |
| **ORM Frameworks** | Hibernate 4.x, Java Persistence API, MyBatis |
| **Version Control** | GIT, SVN, CVS |
| **Web Services** | SOAP(JAX-WS), RESTful(JAX-RS), JAX-B |
| **Web/App Servers** | Apache Tomcat 9/8/7, WebLogic 12.x, JBoss AS 5/4, Glassfish |
| **Build Tools** | Maven 3.x, Gradle, ANT, NPM |
| **Development IDE’s** | Eclipse, Visual Studio, PyCharm, IntelliJ |
| **Testing Tools** | Junit 4.x, Selenium, Mockito, SoapUI, Postman |
| **Cloud** | Amazon Web Services (AWS), Pivotal Cloud Foundry (PCF) |

**Professional Experience:**

**Oracle, Kansas City, MO Oct 2022– Present**

**Project: Financial Services**

**Description:**

Oracle Financial Services Software Limited is a subsidiary of Oracle Corporation. It is involved in financial and insurance technology. Get to market faster and improve your operations with flexible, rule-based policy administration. Manage new business underwriting, policy issuance, policy processing, billing, collections, and claims—all on a single life insurance system.

**Responsibilities:**

* Involved in all the phases of **Software Development Life Cycle in** analysis, design, development, testing and deployment using **Agile methodologies.**
* Designed and developed Application based **Spring Boot, Spring Framework, Spring MVC, Spring Templates, Hibernate, Spring Batch, Spring Security**.
* Developed Client applications to consume the Web services (**SOAP, JAX-WS, JAX-RS and REST**), web service security.
* Implemented **Splunk** queries and set up the email alerts.
* Involved in implementation of enterprise integration with Web Services and Legacy Systems using SOAP and REST
* Implemented **REST Micro-services** using **spring boo**t. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Used **JIRA** Agile tracking tool to track daily work.
* Involved in defect Tracking, Analysis and Resolution of bugs in system testing. Generating Unit Test cases with the help of **JMockito**, Power Mockito.
* Hands on experience in writing Junit test cases using Mockito, TestNG and power mock frame works.
* Followed Java & J2EE design patterns and the coding guidelines to design and develop the application.

**Stack**:

Java 1.8, Spring 4.6, Spring Boot, Spring REST, Oracle 12c, Splunk, Swagger, SOAP, REST, Microservices, JUnit 4.0, Mockito, JMockito, Power Mockito, TestNG, Maven, JIRA

**Cerner Corp, Kansas City, MO Feb 2020– Oct 2022**

**Project: Revenue Cycle Application**

**Senior software engineer**

**Description:**

Cerner Corporation is an American supplier of health information technology services, devices, and hardware. As of February 2018, its products were in use at more than 27,000 facilities around the world. The company had more than 29,000 employees globally, with over 13,000 in Kansas City, Missouri. Cerner offers acute EHR solutions that provide real-time, patient-centered. Our integrated, interoperable, patient-centered EHR platform spans the continuum of care.

**Responsibilities:**

* Involved in all the phases of **Software Development Life Cycle in** analysis, design, development, testing and deployment using **Agile methodologies.**
* Developed individual components of the application using **Microservices** architecture which was built on **Spring** **4.x** Framework.
* Implementing the time taken by the EHR application
* Developed **Spring MVC** flow for interacting with modules of the application.
* Built and consumed **RESTful web services** in different modules and implemented **serialization** using **Spring REST** and **JSON**.
* Used **Apache Kafka** as a communication service between **Microservices** based on Restful APIs utilizing **Spring MVC** with **Spring Boot**.
* Implemented **Spring Security** with **Okta Security API** to provide security for the application.
* Used **Spring** **AOP** for **Transaction Management** and **Logging** for clean code, consistent logic we have used pointcuts to call classes methods according to advice.
* Implemented **Microservices** based cloud architecture using **Spring Boot**.
* Implemented **OAuth2** a token-based Highly customizable Authentication and Authorization using Spring Security and Secured **REST API’s**
* Extensively used **Postman** for testing REST webservices.
* Used Thread-safe blocks for multithreaded access and distributed transaction management.
* Used **Hibernate 4.2** framework as the Object Relational Mapping tool for persisting java objects on **Oracle 12c** Database.
* Architected and developed a new platform to modernize existing codebase using **DropWizard**, Spring Dependency Injection, **MongoDB** and **Hazelcast**.
* Debugged and modified **SQL** **Stored Procedures, Triggers, Tables, Views**and **User-Defined Functions**.
* Integrated configured **ActiveMQ**  with **Apache camel** to use it as bus.
* Utilized **Swagger** framework for design, documentation, testing and deployment of REST APIs.
* Created build pipeline using **CloudBees Jenkins** for Continuous Integration and Deployment.
* Developed **Maven/Docker builds scripts** and implemented **Docker** containers to create images and dynamically provisioned slaves to **CloudBees** of Continuous Integration and Deployment Pipelines.
* Used **AWS S3** to store data and to retrieve the stored date very quickly and used **Elastic Search** for searching the document and also used **AWS SNS** to send messages to multiple users and delivered in an algorithmic way using **AWS SQS**.
* Used **JUnit 4.0** and **Mockito** framework for unit testing of application and implemented **Test Driven Development (TDD)** methodology. Created automated test scripts using **Selenium Web Driver**.
* Dynamic Data Visualizations were generated by implementing **D3.js** and **JFreeCharts** frameworks to render visualizations based on various parameters.
* Ensured high quality code by using **Agile XP** / **Pair Programming** approach and by using **SonarQube**.
* Used **SVN** for versioning and **Log4j** implementation is done for logging.
* **Jira** is used for Project Management and **GitLab** is used for issue and bug-tracking.

**Stack**:

Java 1.8, Spring 4.6, Spring Boot, Spring REST, Spring Data JPA, Hibernate 4.2, Oracle 12c, Apache Kafka,

Apache Camel, Spring Security, Okta Security API, Swagger, HTML5, CSS3, jQuery 3.0, Bootstrap 4, Java Script 2.0, Angular 2, D3.js, Hazelcast, JFreeCharts, CloudBees, Maven, Docker, JUnit 4.0, Mockito, SVN, Log4j, JIRA

**Client: TCF Bank, Minneapolis, MN Aug 2017 – Feb 2020**

**Project: Claim Management System**

**Senior Software Engineer**

**Description:**

TCF Bank was the wholly owned banking subsidiary of TCF Financial Corporation, a bank holding company headquartered in Detroit. It has a diverse business mix of fundamental in delivering a consistent, predictable and repeatable financial performance. Their core business includes Consumer & Business Banking, Corporate and Commercial Banking, Payment Services and Wealth Management & Investment Services.

**Responsibilities:**

* Hands-on experience using core-java concepts such as **Stream API**, **Exception-handling** and **Collections** for developing business logic.
* Integrated **Spring MVC** with **Hibernate** for the persistence layer access for mapping to the tables in the **Oracle 12c** Database.
* Implemented **Microservices** architecture for the creation of the independent components utilizing **Spring Boot** for consuming **RESTful** services.
* For retrieving API routes for the entire cluster we developed Microservices with **Spring Eureka**, this strategy helps each spring service in a cluster and can be load balanced through **API Gateways.**
* For secure retrieving of patient data we Created and consumed **SOAP** web services.
* Used combination of **REST** and **Apache ActiveMQ** message brokers in Microservices Architecture with **Spring Boot**.
* Utilized **Spring AOP** for Transaction management in handling Data Access Exceptions.
* Integrated the **Hibernate 4.x** with Spring using the JDBC Driver Manager and integrating Hibernate second level cache for caching the user data.
* Estimate **PostgreSQL** database, developed methods for monitoring database capacity and usage.
* Implemented **Netflix ZUUL API** gateway for all the requests from the devices and by registering services to **Eureka**.
* Used **Apache Camel** as the integration pattern to communicate between different enterprise components.
* Performed CRUD operations like Update, Insert and Delete data in NoSQL database **MongoDB**.
* Scalable data design for MongoDB, Redis, caching in **MongoDB** with **Redis** Cache using Spring Boot
* Involved in **Cassandra Cluster** environment administration that includes commissioning and decommissioning nodes, cluster capacity planning, performance tuning, cluster monitoring and Troubleshooting.
* Performed daily administrative tasks of cluster health check, balancing and name node metadata backup.
* Implemented **Jenkins** for Continuous Integration and Deployment and deployed the application on **EC2** instance using **Docker** Container.
* Created **EC2 instances** and used the public domain to link with Jenkins for integration.
* Implemented JMS using **Apache ActiveMQ** for messaging and queues.
* Utilized **log4j** for logging, debugging and information extracting purposes.
* Worked in a **Test-Driven Development (TDD)** by conducting regression testing and used **JIRA** bug tracking tool and **Jasper** for report generation.
* Participated in the **Agile** environment according to the Sprint deadlines and meetings.

**Stack:**

JAVA-1.8, JAVA EE, Spring 4.0, Spring Security 3.2, Spring Boot, Spring AOP, Spring Eureka, Hibernate 4.0.6, JSPS, Apache Tomcat 8.0, MongoDB, Hazelcast, Apache Camel , Cassandra, SQL, Apache Karaf, ZUUL, HTML5, CSS3, Bootstrap 4, Angular 2.0, REST API, Apache ActiveMQ and Amazon Web Services (Elastic Beanstalk)

**Client : DHL Courier, Hyderabad, India May 2014 - Jul 2017**

**Project: Transport and Vehicle Management System**

**Full Stack Java Developer**

**Description:**

A leading global information technology, consulting and business process services company. Which harness the power of cognitive computing, hyper-automation, robotics, cloud, analytics and emerging technologies to help clients adapt to digital world and make them successful.

Transport and Vehicle Management System – TVMS full implementation enables the application to organize Linehaul operations for FedEx Ground. Which includes trips from hub to hub, hub to station, station to station, customer to hub.

**Responsibilities:**

* Extensively used **Spring MVC** Framework to develop the web layer for the application.
* Used **Hibernate ORM** framework as persistence engine, configured O/R mapping and wrote Hibernate queries using **HQL.**
* Developed required **JSPs,** helper classes and action classes involved in the project.
* Implemented Controller and mapped it to a URL in servlet.xml file.
* Implementing Dependency Injection and providing abstraction between presentation layer and persistence layer we used **Spring Framework**.
* Developed JSP corresponding to the controller where in the data was propagated into it from the model and view object from the controller.
* Implemented JSP as the view, **Servlets** as Controller in the Struts Framework.
* Exposed various capabilities such as Web Services using **SOAP** and **WSDL**.
* Configured and created application log files using slf4j 1.6 required to trace messages.

**Stack:**

**Java 7, Spring 3.0, Spring MVC, Hibernate 3.0, Oracle 10g, HTML5, XML, JSON, SOAP, WSDL, JUNIT 3.0, ANT, slf4j 1.6, SVN Tomcat7, Eclipse 3.6, Servlets.**

**EDUCATION:**

* **Bachelor’s** in **Computer Science (**GITAM UNIVERSITY, Visakhapatnam, India**)**