**NEHA**

**615-209-8900**

**mneha2310@gmail.com**

**Java Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* Over 5 years of software development experience using **JAVA/J2EE** technologies.
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iteration methodology, Agile Development** &**Testing using Software Development Life Cycle.**
* **Experienced In** domain driven design, command query responsibility segregation (CQRS), **event-driven architecture**.
* **Developed core modules in large cross-platform applications using JAVA, J2EE, spring, JSF, Hibernate, JSP, Servlets, EJB, JDBC, Web Services (SOAP, REST), and Micro Services.**
* **Responsible for maintenance of batch jobs, implemented Spring Batch for huge number of transactions.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator Session Facade and Business Delegate** in the development of Applications.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies Such as **Spring, Hibernate, EJB, JPA, JSF, Struts framework, Servlets 3.x.**
* Experience in spring modules such as **Spring MVC, IOC, AOP, JDBC,IO, Spring Boot, Spring Micro services, Spring REST.**
* Knowledge of **using Cloud Foundry** (CF) CLI for deploying applications and other **CF** management activities.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language** (HQL), HSQL Named Queries, Criteria, Projections, and Envers.
* Experienced in implementing Service oriented architecture and Web Services using **SOAP, RESTFUL**,**Micro service**s.
* Used Pivotal Cloud Foundry, PCF’s portfolio of modern runtimes to deliver features faster.
* Knowledge in UI such as **jQuery, Ajax, JavaScript, NodeJS, Reacts js,Angular js, Angular2, Custom Tags**.
* Experienced in validati4ons using **Ajax** in NodeJS, **Angular js**, dash boards reports using **BackboneJS**.
* Extensively used different Tag Libraries like **JSF Tags, Struts Tags, JSTL, Spring Tags, and Display Tag**.
* Experienced in developing complex **PL/SQL** queries, Functions, Triggers,
* Stored Procedures, Packages and Views in various databases such as Oracle, DB2 and My SQL.
* Experience in working with **NoSQL** databases like **HBase**, **MongoDB, and Cassandra**.
* Speeding up Existing Applications with a Cache services using **Redis Cache, Gem fire**.
* Experience with **CI/CD-ANT, MAVEN, GRADLE, JENKINS, CVS, GIT, GITHUB.**
* Experience in JUnit frame work with **Mockito** and Easy mock, **Spring Junit Runner**.
* Experience with messaging systems like **JMS**, **Kafka**
* Experience in configuring and deploying the applications into **Tomcat, Nginx, WebSphere, WebLogic** and **Jboss.**
* Experienced in Development, testing and deployment of enterprise applications on Windows & UNIX platforms using IDE's such as **Eclipse, NetBeans, Intellij.**
* **Experience in working with web servers like Tomcat 8, WebSphere 8.x/9.x, Jetty, JBoss7.1.0 and WebLogic 10.0.**

**TECHNICAL SKILLS:**

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| **Languages** | **Java 1.8, J2EE** |
| **Web Technologies** | **SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlets API 3.0** |
| **Frameworks** | **Spring 4.3 Hibernate 4.3, Angular JS 1.0/1.5/2.0, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, WebSphere MQ 7.5** |
| **NoSQL Databases** | **MongoDB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript, XML 2.0, CSS 3, jQuery 2.11, Angular JS 2.0, Node JS 6.0.** |
| **Cloud Environments** | **Netflix Eureka, Kubernetes.** |
| **Operating system** | **Windows 10, Linux, Unix** |
| **Bug tracking Tools** | **JIRA 7.0, Bugzilla 4.4.12** |
| **Reporting Tools** | **Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0** |
| **Methodologies** | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| **DeveloperIDE Platforms** | **Eclipse, Intellij 2017.1, Spring Tool Suite (STS) 3.8.3** |
| **Build Tools/CICD Tool** | **Ant 1.10, Maven 3.3.9, Gradle 3.4.1, Jenkins** |
| **Version Control** | **Git, GitHub, SVN, Bit bucket** |
| **Web Services** | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS,** |

**PROFESSIONAL EXPERIENCE:**

**Client:OFFICE DEPOT - Boca Raton, FL Jan 2017– Till Date**

**Role:Java Full Stack Developer**

**Description:**Working with WMS team at Office Depot. Most commonly, RF technology is used today through the integration of a modern warehouse management system (WMS), wireless networking, bar codes and RF bar code scanners. In a typical contract warehousing implementation of RF scanning, product is identified with bar codes on the shipping labels of pallets, and in many applications on each box, case or piece. Locations within the warehouse are identified with bar codes for each shelf, slot, bin and rack position. The RF scanners are used to read the bar codes and transfer product information, quantities and location information directly into the WMS via wireless networking.

**Responsibilities:**

* Followed **Agile Software Development** Methodology to build the application iteratively and incrementally. Participated in scrum related activities and daily scrum meetings.
* Designed dynamic and browser compatible pages using **HTML5, CSS3 Preprocessor’s(SASS/LESS), JavaScript, Bootstrap, Ajax, AEM, Web Services XML, schemas**.
* Developed **Adobe AEM** templates and reusable components, and Configured **AEM** Authoring & Publishing Instance.
* Used **AEM tagging** features in developing components and templates.
* Involved to implement various screens for the front end using **React.js** and used various predefined components from **NPM** (Node Package Manager) and redux library.
* Simplifies the Code, execution of tasks in asynchronous mode using **multithreading -Executor Service Framework**.
* Used **java8Lambda expressions** along with **Streams** for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection.
* Used **IBM MQS** to Listen the Flight Messages and Implemented Listeners to Process the Data.
* **Used spring core for dependency injection/inversion of control (IOC), and integrated with Hibernate.**
* Implemented **Restful Services** in **Spring Boot Framework** for consuming and producing **JSON Data**.
* Building cloud **microservices** and implementing back-up using **Spring Boot**.
* Used **Micro Services** with **SpringBoot** services and combination of **REST, Apache Kafka** message brokers.
* Worked on creation of custom **Docker container images, tagging, pushing images, integration of Spring boot**.
* Provided cloud environment for Micro services using spring cloud **Netflix (Eureka server).**
* **Implemented Fail Safe and circuit breaker patterns in Spring Boot Micro Service applications using Hystrix and monitored the services using Hystrix Dashboard.**
* Used **Micro Services** with **SpringBoot** services and combination of **REST.**
* **Amazon Simple Queue Service (AWS SQS)** is used to managed message queuing service that makes it easy to decouple and scale microservices, and serverless applications and Communication with External Services.
* Involved in requirements gathering and Capacity planning for Multi-Datacenter (four) and **Cassandra** Cluster Used for **Oracle DB** Database related activities.
* Monitored Cassandra cluster for resource utilization and systems backup and recovery using **Cassandra.**
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the Oracle 11g database, implemented **transactions, proxies, locking, HQL, Criteria, Projections** and **Stored Proc calls**.
* Created Generic Dao Custom Implementation Using **Spring Data Jpa**.
* **Hibernate** framework is used on DAO layer to persist application data into Oracle database.
* **Kubernetes** is configured for automating deployment, scaling and management of containerized applications.
* Monitored Health check and managed the application when it’s pushed to production by using **Spring Actuator**.
* Developed **REST API's** using **Spring MVC** and **Spring boot**, hosted all micro services on **Pivotal Cloud Foundry(PCF)**.
* Configured **Load Balancer Health checks** for Cloud Foundry Routers**(PCF)** and Implemented customized routers.
* Used **SOAP UI,Postman, Rest Client**, **Spring Mock MVC, spring 4Junit** for testing the **web services.**
* **Worked with several testing frameworks such as JUnit, Easy Mock, Mockito and Power Mock.**
* Used **Maven/Nexus** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **GITHUB, Jenkins, and Jenkins Jobs.**
* Used **GIT repository** to push the code and interact with other developers throughout the company.
* Used **Jenkins CI/CD** build server to perform Pull Requests and Dev environment builds.
* Actively used the defect tracking tool **Rally** to create and track the defects during QA phase.

**Environment: Java 8.0, spring 4, AEM, Hibernate 4.2, Spring Boot, JPA**, **JavaScript, HTML 5.0, CSS3, React.js, Bootstrap, Apache Tomcat**, **JUnit, Easy Mock, XML, Web Services, SOAP UI, Netflix Eureka, Spark, Netflix Ribbon,PCF,Maven, Git, PCF, Eureka Server, Hystrix, Ribbon**, **Agile, Spring Cloud Netflix**, **AWS SQS.**

**Client: Toadfly Technologies, Bangalore, India Nov 2014 – Dec 2016**

**Role: Web Developer**

**Description:** Toad fly is a dedicated team of professional software designers and integrators specializing in industrial software solutions. We are headquartered in the heart of one of the world’s leading petroleum, chemical, and power  
industries: Houston, TX. Not only does this give you the knowledge your software development is local, but also allows for dynamic face to face conversations, timely feedback on the development process, and effective long-term support, well after the software has been deployed EJobNotes is centralized location for job notes and job note logs. It is mainly used to reduce the confusion of duplicate job notes and provide a clear view of ownership and progress of the job note. It allows collaboration among several parties.

**Responsibilities:**

* Involved in various phases of Agile software development.
* Developed applications using **Angular4, Java8 and new features of java** (lambda expressions).
* Developed screens using **HTML5, CSS3, SASS, JavaScript, jQuery and AJAX**.
* Design and developed the application using framework Angular 2 with HTML5, CSS3 and Typescript.
* Developed UI components using **Angular 4** dependency Injection, Models, data binding and controllers.
* Implemented **Angular 4** Router to enable navigation from one view to another.
* Developed Application to asses **JSON and XML** from Restful web service from consumer side using Angular4.
* Developed various generic JavaScript, Angular functions to implement client-side validations.
* Involved in developing Thread Safe blocks for multithread access and distributed transaction management.
* Created and injected spring services, controllers and **DAOs** to achieve dependency injection.
* Implemented **Spring MVC** flow to interact with different modules and extensively used Spring AOP and Dependency injection during various modules of project.
* Ensured successful architecture and deployment of enterprise-grade PaaS solutions using Pivotal Cloud Foundry (PCF) as well as proper operation during initial application migration and set new development.
* Developed Microservices with Spring Eureka to retrieve API routes for the entire cluster. Using this strategy each spring service in a cluster can be load balanced and exposed through one API gateway.
* Used Micro service architecture with **Spring Boot** based services interacting through a combination of REST and Apache Kafka message brokers.
* Implemented Spring Circuit breaker pattern, integrated Hystrixdashboard to monitor Spring micro services.
* Implemented Authentication & Authorization with Site Minder and Spring security.
* Implemented **REST** based web services using **JAX-RS** annotations, Jersey provider and consumed using **HTTP** services from angular 4 modules.
* Experience in Updating, Modifying queries in Oracle 11g.
* Used **Maven and Jenkins** to automate the build and deploy process and Git were used for project management and version management.

**Environment: Java 8, Spring MVC, Spring Boot, Angular 4, HTML5, CSS3, JSON, PCF, JavaScript, Node.js,Spring Data, Protractor, Mongo DB, Oracle 11g, IntelliJ IDEA, Junit 4.4, Mockito, Git, Scala, Spark, AWS, Docker, Spring Cloud, RESTful web services, Apache Tomcat, Kafka, Camel, Maven, Jenkins, Karma, Jasmine.**

**Client: Icon Solutions, India Jun 2013 – Oct 2014**

**Role: Jr. Java Developer**

**Description:** Component Administration is an Application which will be used by I.V. technology Sales and Marketing division for performing Dynamic and effective pricing of their products. Componentization describes the dynamic web-based discounting, pricing and componentization capabilities and tools. The required capability is for a Web Based Dynamic Component catalog featuring defined components, Elements and Parents.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (SDLC).
* Used Rational Rose for the Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase.
* Created Servlets which route submittals to appropriate **Enterprise** **JavaBean** (EJB) components and render retrieved information.
* Developed Session Beans to process requests from the user and used entity beans to retrieve and update customer information.
* Involved in writing the exception and validation classes using Struts validation rules.
* Used WebSphere Application Server for deploying various components of application.
* Persistence layer was implemented using Hibernate Framework.
* Front-end is designed by **using HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts**.
* Involved in developing the **CSS sheets** for the UI Components.
* Monitored the error logs using **Log4J** and fixing the problems.
* Wrote **PL/SQL stored procedures, Prepared statement** and used API.
* Used Junitfor unit testing.

**Environment: J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, EJB, RMI, JNI, WebSphere Application Server, ANT, CVS, Oracle.**