**Nithin Chandra**

Full Stack Developer

**PROFESSIONAL SUMMARY**

* Full stack developer with about 6 years of experience in all the phases of software development life cycle such as Planning, Analysis, Design, Implementation, Testing and Maintenance of Web Based, Client-Server and N-tier Architectures.
* Experience working with various Software Development Life Cycle (SDLC) methodologies based on Agile, Scrum, Waterfall Model.
* Strong experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Boot Actuator, Spring Batch, Spring Cloud components like Spring Eureka, Spring security.
* Experienced in UI frame works such as JQuery, Ajax, Google Web Toolkit (GWT), JavaScript, Node JS, Angular JS, Angular 2, Angular 4, Tag Libraries, Custom Tags.
* Experienced in Full stack UI technologies using Grunt JS, Gulp Server, Yeoman generator for Angular.
* Extensive experience in developing scalable, reliable and efficient enterprise applications using Java, Spring, Struts, Web Services, RESTful, JSF, JDBC, JSP, Servlets, EJB, JMS, XML, JAXB, PL/SQL, Unix scripting.
* Expertise in Micro services developing SOA (Service Oriented Architecture) and J2EE Web Services based on SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC using tools like Apache Axis.
* Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using Hibernate Query Language (HQL), HSQL Named Queries, Criteria, Projections.
* Used Hibernate Transaction Management, Hibernate Batch Transactions and Hibernate cache concepts.
* Strong understanding of Micro services patterns - Circuit Breaker/Hystrix, DDD, Aggregator, Proxy Chaining.
* Implemented Java 8 features such as Lambda Expressions, Streams, Method references and Optional class to reduce the code size and simplify the operations.
* Worked with high volume and complex PL/SQL stored procedures and packages using Oracle SQL.
* Proficient in implementation of ORM and Non-ORM frameworks like Hibernate, JPA, JDBC, iBatis.
* Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 9i / 10g / 11g, SQL Server, DB2, PostgreSQL and MySQL.
* Strong experience with MongoDB development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like MongoDB, Cassandra and Couch DB.
* Experience in writing Queries, Stored Procedures, Triggers, Cursors, Functions and Packages using TOAD.
* Expertise in design with Use Case, Sequence, Activity, and Class diagrams using UML, Spark and Visio.
* Experience working on several Docker components like Docker Engine, Hub, Machine, creating Docker images, Compose, Docker Registry and handling multiple images primarily for middleware installations.
* Proficient in using Amazon Web Services AWS. Extensive experience focusing on services like EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic cache, SNS, SQS.
* Development of services that utilize AWS SDK's (Dynamo DB, Elastic Beanstalk, EC2, Lambda).
* Engineering and integration of message & event-driven micro-services using various patterns and technologies (Rabbit MQ, Kafka, IBM MQ, Spring Integration, Spring Cloud Stream - Kafka, Spring AMQP)
* Hands on experience with build tools like ANT, Maven, Gradle and logging tools like Log4J, SL4J.
* Experienced in Apache Spark for implementing advanced procedures like text analytics and processing using the in-memory computing capabilities written in Scala.
* Experience in creating Asynchronous Messaging configuration in Tomcat, WebLogic and web sphere Servers.
* Experience in developing Web/Enterprise based Applications by using various IDEs like STS, Eclipse, IntelliJ.

**TECHNICALSKILLS**Languages: Java 1.8/1.7/1.6C, Perl, PL/SQL, SQL

Framework/ APIs / Tools: Spring 3.x/4.x, AWS, JUnit 4, JSF, Log 4j, Maven3.0.4 Web Services (SOAP, REST, WSDL, UDDI), AJAX, Ant, JDBC, Bootstrap, Ext js, D3.js, Grid Gain.

J2EE Common Services APIs/ Front End Technologies Angular JS / 2, AWS, Rest API, SOAP API, Servlets, Hibernate 3.x, POJO, JSP, Node.JS, JSON, Java Mail, backbone.JS, JNDI, JMS, JDBC, JNDI, JTA, AJAX, JPA, JAXB.

Web Tools/IDE Web Storm, Eclipse3.1, STS, Eclipse4.3.0, My Eclipse Blue, NetBeans3.0/5.0./7.

Version Control System SVN, CVS, GIT Repository

Middle Ware Spring Boot, Spring Cloud, JMS, Batch and Integration Messaging Service

Application Servers JBOSS 6/5, IBM Web Sphere 7/6, BEA Web Logic 10/9

Protocols HTTP, HTTPS, TCP/IP, FTP, SMTP

Methodologies Waterfall and Agile

Database Oracle 11g, MySQL, DB2, PostgreSQL.

Operating Systems Windows, UNIX, DOS

**PROFESSIONAL EXPERIENCE**

**Apple Inc, Austin, TX March 2018 - Till Date**

**Full Stack Developer**

**RESPONSIBILITIES:**

* Gathering requirement specifications in the sessions involving Business and IT.
* Creation of the High Level and Detailed Level design documents for the application.
* Design, Coding, Development of the Gateway application using technologies like **Spring Boot, Hibernate, REST Micro Services, JSON, HBase, Apache Pig, Pentaho** etc.
* Designed and developed **REST** Micro Services using **Spring Boot.**
* Tested the **REST APIs** using SoapUI.
* Followed **Agile** Methodology for the Software Development Life Cycle.
* Analyse the defects, defect fixing and assign it to appropriate resource. Support the team to fix defects.
* Fix the production defects during warranty period.
* Build new or modify existing test cases / test harnesses to effectively test the work that was done on system components using **test drive**n development.
* Work with product managers, business stockholders, operations and architecture teams in the very cross-functional environment to meet the product vision and business goals.
* Used the **JavaScript libraries jQuery, AJAX** to talk to the **RESTful API** and display the **JSON** format data for the end user.
* Involved in the creation of exhaustive **JUnit Unit Test** Cases for each java class that is being developed for this application using a mocking **framework Mockito using Test Driven Development** technique.
* Defined new validations through **Angular JS 2.0** for the form field validation implemented through **HTML5**.
* Used selenium for writing automation test cases for the UI.
* Implemented Spring Security for authentication and authorization.
* Used Jenkins to perform build, sonar, fortify and deploy code changes to dev-environments.

**Environment:** Java 1.8, Spring Boot, Micro Services, REST APIs, SoapUI, Angularjs, Maven, Jenkins, HTML 5, CSS3, Java script, Junit, Selenium, Spring framework, Hibernate, Hadoop, Hbase.

**Capital one, Mclean, VA February 2017 -February2018**

**Full Stack Engineer**

**Responsibilities:**

* Worked with all phases of SDLC as a scrum member following agile methodology and Test-Driven Development (TDD).
* Created the front-end web pages using HTML5, CSS 3 (using SASS), media queries and JavaScript to develop the UI for our login and customer enrolment portals.
* Worked with Angular 4. Us­­ing Angular CLI generated various components, routes, and services and structured the application code using Component based architecture.
* Worked on Angular 4 forms and controls in order to validate Input data.
* Have worked with reactive forms, template driven forms and written pipes in Angular 4.0 to transform the data according to the customer's requirement.
* Created custom directives in Angular 4 for re-usable components (multi-field form elements, background file uploads)
* Proficient in creating services with Angular 4 injectable property as to make the service available for dependency injection when creating components.
* Proficient in using Angular 4 to create views to hook up models to the DOM and synchronize data with server as a Single Page Applications.
* Implemented micro services-based architecture using Spring Boot interacting through REST API.
* Worked with ORM frameworks such as Spring Data.
* Authenticated Users accessing RESTful services using Oauth 2.0 and OIDC.
* Worked with Spring Cloud and Netflix OSS-Eureka for service registration and discovery.
* Used spring boot actuator to externalize application's configuration properties for different environments.
* Deployed Spring Boot based micro services on Docker containers using Amazon ECS and used Docker Hub for registering the Docker images.
* Worked with AWS IAM service to create various groups and attached appropriate policy documents to the users within that group.
* Designed, built, and deployed a multitude application utilizing almost all the AWS stack (Including EC2, MongoDB, Docker) focusing on high-availability, fault tolerance, and auto-scaling).
* Proficient in deploying and configuring Elastic search, Log Stash, Kibana (ELK) and AWS Kinesis for log analytics
* Good Knowledge in documentation of REST API's using Swagger and WADL
* Used the fundamentals of Java 8 like parallel streams and filters through lambda expressions to handle the searching.
* Developed the application using industry standard design patterns like Singleton, Business Delegate, MVC, and Factory Pattern etc. for re-usability.
* Developing internal Web Application in Groovy/Grails with Mongo DB as a data store.
* Using the IntelliJ Idea 15.0.4 IDE with the latest Grails 3.1.1 SDK, Java 8.
* Worked with NoSQL based ORM frameworks like Mongoose Connector and MongoDB.
* Wrote complex SQL queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in MySQL database.
* Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of vital information between multiple business applications.
* Developed Kafka consumers to consume data from Kafka topics and Integrated Kafka source to read the payment confirmation messages
* Very Proficient Knowledge of JIRA to track issues and communicate with other teams at various environments.
* Used GIT for source code management and worked with Visual Studio and Spring Tool Suite IDE's.
* Professional experience in Log4J for extensible logging, debugging and error tracing.

**Environment:** HTML5, CSS3, SASS 3.5, JQuery 3.0, AJAX 4.1, JSON 3, Bootstrap, DOM, Angular 4, Spring MVC, Spring Boot v1.2, Micro Services, Apache Kafka v0.10, Spring Batch v3.0, Netflix OSS-Eureka v1.5, Spring cloud, Jenkins v2.0, MySQL, AWS, JUnit, TestNG, Selenium, SLF4J, Visual Studio, STS, Jasmine, JIRA, GIT, POSTMAN/REST Client, Jenkins, Windows, Agile, Scrum.

**Trimble Inc., Plano, TX October 2016- January 2017**

**Full Stack Engineer**

**Responsibilities**

* Developed the User interface using Front-end technologies such as HTML, CSS, JavaScript, JQuery and Bootstrap.
* Developed applications using various design patterns in the project such as Business Delegate,
* Data Transfer Object, Data Access Object, Service Locator and Singleton.
* Worked extensively with Ajax and JQuery to dynamically load the content into web pages without reloading the pages
* Performed client-side validations using JavaScript and JQuery.
* Worked extensively with Apache Tomcat web server for deployment of the application.
* Built & deployed scripts using ANT build tool and used Log4J for debugging of the code.
* Developed and implemented JSP custom tags for handling cross-side scripting errors
* Developed middleware service components and DAO components using Spring Framework and JPA (Hibernate).
* Performed XSLT transformations to match service requests from the client to the Web service

provider.

* Developed SQL scripts and PL/SQL stored procedures for querying, populating and retrieving data from SQL Server.
* Worked with Spring Interceptors to validate web service requests and send notifications to the subscribers.
* Used SOAP UI tool to generate request XMLs from WSDL to test the responses.
* Implemented Hibernate ORM and performed mapping of object classes to the corresponding database tables.

**Environment:** Java SE 8, SoapUI, SQL Server, Junit, Agile, JDK 1.7, J2EE 1.5, Spring 2.0, Hibernate, REST Web Service, Eclipse Juno.

**Virinchi (Qfund Technologies), HYD, India July 2013 - September 2015**

**Web/UI Program**

**Responsibilities**:

* Expertise in using AJAX framework for achieving seamless user experience and server-side communication.
* Participated in writing test framework with Selenium and executed Web testing on browsers like IE, Chrome, and Mozilla through Web driver.
* Worked on enhancing the Portal UI internals using Java Script, HTML, CSS, XML, JSP as per need and provided client-side JavaScript validations.
* Worked on client-side Java scripting technologies such as JQuery while designing TABS and DIALOGBOX.
* Hands on experience in using Log4j to log outputs to files.
* Worked on implementation of Axis Web Services for integration of different systems.
* Developed Web services components with XSD, XML, DTD, and SOAP with DOM parser to transfer and transform the data between applications.
* Accountable to expose capabilities of Web Services by using SOAP/WSDL.
* Expertise in Using SOAP UI to test the Web services by sending SOAP request to Service Application.

**Environment**: Servlets, JSP, XPath API, Spring IOC, Spring JDBC, Oracle 9i, Web Services, Web Sphere, XML, Selenium, AJAX, WSDL, SOAP, CSS, ANT.