**Dinesh D**

**Sr. Full Stack Java Developer**

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**Professional Summary:**

* Over **8.5+Years’** experience as a full stack developer in development of Standalone applications, Microservices, Web - Based applications, Distributed system based on **JAVA/J2EE** Technologies.
* Profound experience in Business domains like **Banking, Mobile, Retail, E-commerce,** and **Insurance**.
* Expert in Various **Agile** methodologies like SCRUM, Test Driven Development (TTD), Incremental and Iteration methodology, Pair Programming, Agile Development & Testing using Software Development Life Cycle.
* Experienced in Development, Testing and Deployment of enterprise applications on **Windows, Linux** and **UNIX** platforms using IDE's such as Eclipse, STS, Rational Application Developer ( RAD), NetBeans, IntelliJ14.x/15.x.
* Developed core modules in large cross - platform applications using **JAVA, J2EE, spring, JSF, iBatis, Hibernate, JSP, Servlets, EJB, JDBC, Web Services (SOAP, REST), E-Commerce, Micro Services.**
* Experience in latest java-8 features like **Parallel Streams, Lambdas, utilitarian interfaces,** and **channels**.
* Developed UI modules using **AngularJS, Vue.js, Node.js, JavaScript, Ajax, JQuery, CORDOVA, CSS3** and **HTML5.**
* Expertise in using inbuilt and custom **AngularJS** directives and filters to add functionalities to the web page elements.
* Strong experience in **Spring Framework** modules such as Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.
* Experienced in implementing Service Oriented Architecture and Web Services using **SOAP, REST**.
* Strong understanding of **Micro services** patterns - Circuit Breaker/Hystrix, DDD, Aggregator, and Proxy Chaining.
* Developed applications using latest technologies like **EJB3.2, Spring 3.x/4.x, Hibernate3.2/4.x, REST based Web services ( Axis2.0, JAX WS 2.0, JAX RS), Rule Engines ( Drools4.1, ILOG), JBPM** tools.
* Proficient in using Amazon Web Services (AWS). Extensive experience focusing on services like **EC2, Elastic Beanstalk, CloudWatch, CloudFront, Cloud Formation, IAM, S3, RDS, Elasticache, SNS, SQS, AMI**.
* Used **Amazon Web Services (AWS)** a secure cloud services platform, offering compute power, database storage, content delivery and other functionality to help businesses scale and grow.
* Experienced in working with **Spring JDBC Templates, JMS Templates, Spring EAI,** and **Spring Rest Templates.**
* Experienced with XML related technologies such **XML, XSLT (DOM, SAX), XPATH** and **DTD**.
* Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases: **Oracle 9i / 10g / 11g, SQL Server 2005/2008, 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 CouchDB**.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using Hibernate Query Language (HQL), HSQL Named Queries, Criteria, and Projections.
* Expertise in several testing environments like **JUnit, Selenium, CURL, Jenkins, SoapUI** and **System** Testing.
* Extensively used the following Design Patterns **DAO, DTO, Singleton,** and **MVC**.
* Strong knowledge on JavaScript Unit testing with **Jasmine, Karma**, and **Protractor** for Angular JS, **Mocha** and Chai React JS and **Cucumber**, **Citrus** for web services automation.
* Profound learning on **ANT, Maven** and **Gradle** as fabricate content for application assemble and arrangement.
* Expertise in using servers like **Tomcat 8, WebSphere 8, Jetty, and JBoss 7.1.0 and WebLogic 10.0** to configure and deploy applications.
* Have solid understanding of **Service Oriented Architecture (SOA)** and Microservices based J2EEArchitecture.
* Worked extensively on projects using SQL and PL/SQL. Expertise in using NoSQL Databases like Cassandra, Mongo DB and **Amazon Dynamo DB**.
* Worked with different messaging technologies like **JMS, IBM MQ, Rabbit MQ** and **Kafka**.
* Experience in using build CI/CD technologies like **Jenkins, Chef** and **Docker**. Expertise in writing JMeter Scripts and performing load tests using **JMeter** and **LoadRunner**.
* Expertise in using Monitoring tools like **Splunk** and **Dynatrace** to monitor the system.
* Experience on different OS like **UNIX, Linux, Mac,** and **Windows** operating system.
* Experience in using the **Log4j** framework for Logging Java Application.
* Responsible for support and maintenance of batch jobs, implemented **Spring Batch** for huge number of transactions.
* Experience in creating **Docker images, Containers,** push/pull and integrating with Spring Boot.
* Expertise with employment of **Spring Kafka** and **Zookeeper** apart from JMS as messaging service.
* Experience using secure authentication mechanisms like **LDAP, SASL** and **Kerberos v4**.
* Versatile team player with **good communication, analytical** and **inter-personal** skills.

**Technical Skills:**

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| **Languages** | Java 1.8(JDK 8), Java 11(JDK 11), Java 14(JDK 14), J2EE |
| **Frameworks** | Spring 4.3, Hibernate 4.3, Angular JS 1.0/1.5, Spring Security 3.2 |
| **Application/Web servers** | Apache Tomcat 8, IBM WebSphere 8.0, Jetty, Jenkins 2.50, WebSphere MQ 7 |
| **Cloud Environments** | AWS, Netflix Eureka, Mesos, Kubernetes |
| **IDE** | Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3 |
| **Operating system** | Windows 10, Linux Mint 18.1, Unix |
| **Web Technologies** | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlet API 3.0 |
| **Relational Databases** | Oracle 10g/11g/12C, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1 |
| **NoSQL Databases** | MongoDB, Cassandra, CouchDB |
| **Internet Technologies** | HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, JQuery 2.11, Angular JS 2.0, BackBone.JS 1.3.1, Node JS 6.0 |
| **Bug tracking Tools** | JUNIT4.12, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36 |
| **Build Tools** | Ant 1.10, Maven 3.3.9, Gradle 3.4.1Web Services: SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS |
| **Messaging/Integration** | Drools, Redis, GemFire Kafka, RabbitMQ |
| **Methodologies** | Agile, waterfall, TDD (Test-Driven-Development), Scrum |

**Professional Experience:**

**Client: Flagstar Bank - Troy, MI Mar 2022 – Till Date**

**Role: Sr. Full Stack Java Developer**

**Description:** Flagstar Bank is a Michigan-based bank that has one of the largest residential mortgage servicers in the United States, with banks across the Midwest, it offers a range of banking and lending solutions.

**Responsibilities:**

* Participating in Requirement Analysis and technical assessment during project life cycle.
* Used Agile methodology and attended daily and weekly SCRUM meetings to update working status etc.,
* Designed class, sequence, activity, flow diagrams using UML Visio and Sparx.
* Implemented Drools engine for validating complex business rules before executing them in runtime, ensuring accurate decision-making and logic flow in the application.
* Utilized Redis, Gemfire as an in-memory data store for caching frequently accessed data, improving overall application performance and reducing database load.
* Integrated Kafka messaging system to enable real-time event-driven communication between microservices, ensuring seamless data flow and reliable message delivery.
* Configured RabbitMQ message broker to enable asynchronous communication between components, enhancing scalability and decoupling of services in the application architecture.
* Leveraged RabbitMQ's publish-subscribe pattern to enable efficient and reliable message distribution among multiple consumers, ensuring high throughput and fault tolerance.
* Involved in writing Thread safe blocks for Multithreading access to make valid transactions.
* Designed and developed processes using Multi-Threading to make asynchronous.
* Used J2EE design patterns like Model View Controller (MVC), Singleton, Factory, Data Access Object (DAO), Data Transfer Object (DTO) and Service Locator etc.
* Worked with JQuery plugins like Banner, Slider, Accordion, Tabs, JQuery Dropdown, and Image Gallery.
* Developed RESTful web services using Jersey, spring framework and JAX-RS.
* Created REST based web services by establishing links using HATEOAS from spring based application.
* Used spring core for dependency injection/inversion of control (IOC), and integrated AngularJS and Hibernate.
* Spring Boot Microservices were developed with Microservices architecture using REST and Apache Kafka.
* Monitored service health check from Spring Boot admin console using swaggered UI registered micro services.
* Load balancing among the servers was implemented by using Spring Ribbon.
* Implemented fail safe and circuit breaker patterns in Spring Boot Micro Service applications using Hystrix and monitored the services using Hystrix Dashboard.
* Used Eclipse based Spring Tool Suite (STS) for development and debugging Spring Boot applications, Microservices and deployed in to AWS lambda Expression.
* Configured Identity and Access Management (IAM) groups and users in AWS for improved login authentication.
* AWS EC2 instances were configured in Dev and QA environment using Node Js.
* Used Amazon cloud formation templates for creating stacks to launch AWS infrastructure and resources.
* Deployed Docker contained spring boot micro services in to AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* Developed web pages using Ajax, JQuery, AngularJS 1.5, HTML5, UI-Bootstrap and Less CSS.
* Worked with Apache Tomcat 8 and Node Js servers to deploy and configure Java API’s and front end modules
* Accessed REST Spring calls in AngularJS using promises, custom directives and custom services.
* Experience in creating Responsive Web Design (RWD), using Bootstrap, HTML5 and CSS3.
* Implemented CSS Selector, CSS Scalable and modular approach in the front-end design.
* Experience in designing Adobe Flex UI components as well as skinning of custom Flex components.
* Created online Pdf forms using Adobe LiveCycle ES2 designer and integrated to JDK 11 and JDK 14 Java code.
* Leveraging AngularJS resources for all data access, encapsulating URLs and standardizing data access.
* Used Oracle 11g/12c for the backend data and performed complex queries using joins for CRUD operations.
* Uploaded files in to Oracle database using CLOB and BLOB.
* Implemented a centralized logging system Logstash configured as an ELK stack (Elasticsearch, Logstash, and Kibana). This allowed us to gather and visualize an average of 500,000 logs per ten minutes from our production systems.
* Used various services of AWS for this infrastructure. I used EC2 as virtual servers to host Git, Jenkins and configuration management tool like Ansible.
* Converted slow and manual procedures to dynamic API generated procedures.
* Build an ELK stack for MySQL monitoring and provides real-time log analytics service for other 4 systems.
* Experience in Normalization and performance tuning with Oracle DB.
* Used PL/SQL for views, indexes and stored procedures in oracle database using TOAD and Query optimization.
* Used HQL, Named Parameters, Named Queries and Interfaces such as Expression, Query and Criteria for implementation of Hibernate template and extensively used Hibernate Cache.
* Experience on Hibernate mappings, EH cache, Lazy loading transactions and Locking’s.
* Responsible for developing client's websites using the Magneto Commerce e-commerce platform.
* Configured Protractor test classes and Selenium grid end to end testing on the front end.
* Involved in code reviews and unit testing using JUnit framework.
* Worked as part of Microservices team to develop and deliver Maven projects to deploy on Kubernetes using Docker. Currently working on Docker container implementation for the Enterprise build system.
* Writing Docker files with best practices along with Docker linting, Docker container management along with volumes, container based DB and services, Docker Artifactory (JFrog) configuration and setup.
* Creating React.js / Flux / Redux front-end UI, and Node.js applications for backend. Used React.js library and Sass to build out reusable components to create a fully responsive UI layout.
* Created Test automation framework using Cucumber and Selenium web driver.
* Worked with several testing frameworks such as JUnit, Easy Mock, Mockito and Power Mock.
* Used Drools engine for validating business rules before executing in runtime.
* Used Git for version control and JIRA for bug Tracking and Project Management.
* Worked with JAXB parser for marshalling and Unmarshalling XML data.
* Developed dynamic one-page application with interactive user interface and actions based on GWT and JSON commands from server.
* Developed XPATH, XQUERY and custom XML parsers based on SAX, DOM as part of XML Consumption.
* Used automated Maven build scripts to package and compile the application and used Log4J for Logging in project.

**Environment:** Java 8.0, JDK8, JDK 11, JDK 14, spring 4, Hibernate 4.2, Spring Boot, JPA, JavaScript, AngularJS, HTML 5.0, CSS3, Apache Tomcat, STS, Oracle 11g, Log4J, JUnit, Easy Mock, Selenium, XML, Web Services, React JS, Node .Js, SOAP UI, Kafka, Netflix Eureka, Netflix Ribbon, GWT, Adobe Flex, Scala, AWS, Maven, Git, PL/SQL, Docker, HATEOAS, Curl.

**Client: Verizon Wireless, Irving, Texas July 2020 – Feb 2022**

**Role: Sr. Full Stack Java Developer**

**Description:** Order Management System-Order Rewire (OMS-OR) is an online application to support and enhance the order management system of Verizon. The previously developed order management system is based on COBOL and legacy java code. Now they are rewiring the entire system using Java and Cassandra. It uses REST API’s to interact with different components and tools. Data inputs are provided through multiple sources.

Responsibilities:

* Involved in all phases of the Software development life cycle (SDLC) using Agile Methodology.
* Developed Use Case Diagrams, Object Diagrams and Class Diagrams in UML using Rational Rose.
* Involved in developing User Interface (UI) with Angular 8, CSS3, JavaScript, POJO, JQuery, and JSON.
* Developed user interface using JSP, JSP Tag libraries and JavaScript to simplify the complexities of the application.
* Leveraged core JAVA concepts like Collections Framework, Multi-Threading, Exception handling for developing application modules.
* Extensively used the latest Java JDK 8 features like Functional Interfaces, Stream API, Time API, Transaction Management, Exception Handling, Collection API and Lambda Expressions.
* Used Angular 8 created custom directives for data manipulations and to display data in company standard format in UI.
* Created proof-of-concept using responsive web design, Angular 8, HTML5 and CSS3.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in Angular 8.
* Created reusable Angular components and managed application state with NGRX store.
* Used Microservices architecture with Spring Boot based services interacting through the powerful messaging tools such as REST.
* Designed and developed the application using agile methodology and followed Test Driven Development (TDD).
* Involved in writing Spring Configuration YML file dat contains declarations and another dependent objects declaration.
* Used spring annotations mechanism to create RESTful applications.
* Wrote Stored Procedures and complicated queries for SQL SERVER and PostgreSQL.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Used JUnit for unit testing of the system and Log4J for logging.
* Developed Merge jobs in Python to extract and load data into MySQL database.
* Microservices have been built using Spring Boot, Spring Cloud and deploying to AWS Cloud.
* Migrating existing application into Microservices architecture using Rest APIs, spring boot, Spring Cloud and AWS (EC2, S3, Lambda).
* Added dynamic functionality to the application by implementing JQuery, Node.js.
* Modularized front-end CSS and JS code with Sass. Built a real time mouse/click user analytics web service with Node.js.
* Implemented Microservices based Cloud Architecture on AWS Platform and Cloud Foundry.
* Fundamental mastery of AWS clouds computing platform and its dimensions of scalability.
* Used Spring Reactive (RX-JAVA) to scale the application and decrease the ideal of CPU Core.
* Building/Maintaining Docker container clusters managed by Kubernetes, Bash, GIT, Docker, on AWS.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Implemented Log4j for Logging Errors, debugging and tracking using loggers.
* Involved in building the application which works on mainly groovy grails, Html, CSS, Rest services, Java script, spring, Hibernate.
* Followed Test Driven Development (TDD) to develop JUnit test cases and performed integration and system testing.
* Resolved bugs/defects in application by coordinated with team members of the project to assure a positive outcome.
* Following agile methodology throughout the project.

**Environment**: Java 8, JDK 8, J2EE, Hibernate, PL/SQL, Spring Batch, Spring web services, AWS, Spring Boot, MAVEN, Oracle, Jenkins, CSS, Log4j, JQuery, UML, Netflix Eureka, JUnit, Angular 8, GitHub, TDD, Groovy, Kafka, Microservices, Maven, Node JS, Visual Studio Code, Eclipse, Docker. Kubernetes, JUnit, PCF.

**Client: Walmart Inc, Bentonville, AR July 2018 – June 2020**

**Role: Full Stack Java Developer**

**Description:** Wal-Mart is a retailing corporation company that operates as a chain of supermarkets, discount department stores and grocery stores. Designed and developed Web Services (Restful) of pricing system which is the provider of managing the pricing flow from the suppliers to the stores.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like requirement gathering, Design, Analysis and Code development.
* Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
* Used Java8 features like streams and Lambda expressions and Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Used Java 8 Method References feature to point to methods by their names.
* Used Microservices architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers and worked with Kafka Cluster using Zookeeper.
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Converted a monolithic app to Microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Used REST and SOAP Web Services to acquire credit history information.
* Involved in consuming RESTful web services using Angular JS to render JSON data.
* Developed batch processing applications using spring batch deployed on AWS.
* Worked on AWS Elastic Load Balancing, created EC2 instances and worked on Autoscaling the instances.
* Used CFT templates for creating AWS stack, S3 buckets, Roles and Policies.
* Worked on CHEF scripts for automation and bootstrapping of applications on EC2 instances.
* Rewrite existing applications and migrated applications and to the AWS cloud as part of modernization project.
* Designed and documented CI/CD tools configuration management.
* Developed crypto rest services using NodeJS and integrated services.
* Developed user interface by using the React JS, Flux for SPA development.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concepts.
* Implemented the function to send and receive AMQP messages on RabbitMQ synchronously and asynchronously and send JMS message to Apache ActiveMQ on the edge device.
* Used GIT as source code collaborator and GitHub for maintaining code and documentation.
* Migrated the Application from Spring MVC to Spring Boot.
* Experience in developing scalable solutions using NoSQL database MongoDB.
* Used MongoDB document-oriented database to store data
* Implement a production ready, load balanced, available and fault tolerant Kubernetes infrastructure.
* Worked with containerization tools, can implement transition to Docker and develop distributed cloud system using Kubernetes and Helm package manager for Kubernetes.
* Elasticsearch and Logstash performance and configuration tuning.
* Developed and deployed UI layer using JSP, XML, JavaScript, HTML5, Ajax, JQuery and CSS3.
* Used Spring Framework for DI/IOC and ORM components to support the Hibernate tool.
* Used Spring DAO for developing the data access layer.
* Integrated Hibernate 4.1 along with EHCache and used annotations for mapping ORM classes to DB.
* Developed Hibernate mapping file and the Sql queries for retrieving data from the Oracle database.
* Involved in Configuring web.xml and Spring-config.xml according to the spring framework.
* Developed application based on the MVC Architecture using Spring MVC to define Dispatcher Servlet, Controller, model, and View Resolver.
* Used Core Java classes to implement business logic.
* Responsible for installation, configuration, and administration of Red Hat Linux, Solaris systems.
* Experience with Jumpstart &amp; Kickstart Installations on Solaris &amp; Linux
* Responsible for configuring, integrating, and maintaining all Development, QA, Staging and Production PostgreSQL databases within the organization.
* Used Maven to build war and ear files to deploy on JBoss Application Server 7.
* Monitored and fixed the error logs using Log4J, configured log4j.xml.
* Followed Test Driven Development (TDD) and wrote server-side test cases using JUnit 4.12.
* Implemented agile development process on Software Development Life Cycle.
* Participated in Docker and AWS workshops to gain experience with the emerging technologies.
* Actively participated in the daily SCRUM meetings to produce quality deliverables within time.

**Environment:** Java 1.8, Design Patterns, Servlet, JSP, Spring MVC 3.2, Spring Boot, hibernate 4.1, Web services, SOAP, Restful, WSDL, Oracle 11g, Maven, JBoss 7, EJB 3.0, JMS, XML, SVN, Log4J, Eclipse 4.0, HTML5, Java script, AJAX, JQuery, React JS, JUnit 4.12, Agile Methodology, SCRUM.

**Client: Allstate Insurance, Chicago, IL Jan 2017 - June 2018**

**Role: Full Stack Java Developer**

**Description:** The Allstate Corporation is an American insurance company, headquartered in Glenview, Illinois. The Allstate Corporation is one of the largest publicly held insurance providers in the United States. The company also has personal lines insurance operations in Canada.

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development, and testing of application, developed using AGILE/Scrum methodology
* Used Java8 concepts like lambda expressions and streams while loop iterations and functional interfaces with default method implementations. Spring, Micro Services.
* Analysed the Maven dependency management in base code to annotate the dependencies on to Spring Boot application for Micro Services.
* Developed applications using spring (Spring MVC, Spring Boot, Spring IOC, DI) and the persistent layer uses JPA.
* Rest architecture-based web services to facilitate communication between client and servers and used Postman to test the web service responses.
* Produced and consumed centralized Spring Restful Web Services for Enterprise and web applications to consume in JSON format and in trusted client-server environment.
* Experience in creating request response POJOs for JSON response through Data Transfer Object Layer. Testing.
* Written code using Test Driven Development of writing test cases first and then logic to satisfy the test case requirements.
* Developed unit test cases using Junit and Mockito get complete unit test coverage. Spring JPA & Databases.
* Developed JPA layer using Spring JPA connect with two different databases of Sql Server.
* Developed Native SQL queries when complex associations are formed to query.
* Strong knowledge and experience of SQL and PL/SQL programming. AWS Cloud.
* Worked with AWS services like EC2 and elastic bean stack to create new environments as needed.
* Developed code using AWS SDK to interact with S3 service to store and retrieve documents.
* Performed server migration using cloud services like AWS from physical to cloud environment.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Used the AWS-CLI to suspend an AWS Lambda function.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Used NOSQL database like Amazon dynamo DB to store data of reporting Application.
* Amazon IAM was used to maintain the user credentials and involved in creating custom IAM policies to various groups defined within the organization.
* Object storage service Amazon S3 is used to store and retrieve media files such as images.
* Developed applications using JavaScript, Angular 6 using TypeScript, Angular Material with reusable components, input/outputs to various components, routing module etc.
* Used Angular Http clients to make Ajax calls and load the data into UI components like tables, grids, and models.
* Developed React POC for new modules to create reusable components and a sample dashboard for providing admin functionality of the app. CI/CD.
* Worked on Git as version control management and JIRA as Defect management for bug, issue tracking of application. Used Jenkins for CI/CD process.
* UNIX shell scripts for logs and cron jobs.
* Worked on build/deploy tools such as Jenkins, Docker for Continuous Integration & Deployment for Microservices.
* Designed and developed JUnit test cases during the development phase.
* Used Rest API client POSTMAN for testing web services request and response.
* Consumed the developed Web services in Angular application.
* Used Perforce for version controlling and maintain source code and commits.
* Hands on experience in writing unit test cases using Junit and Mockito framework.

**Environment:** Core Java, Java 1.8, J2EE, Spring, Rest, JPA, Spring MVC, Spring Boot, Bootstrap, JavaScript, TypeScript, Oracle, PL/SQL, CRUD, Eclipse, Jenkins, Maven, GIT, Tomcat, STS,JSON, Unix Script, Microservices, Spring Cloud, Kibana, Docker.

**Client: Tally Solutions, Bengaluru, Karnataka May 2013 – July 2015**

**Role: Software Java Engineer**

**Description:** Tally Solutions Pvt Ltd. is an Indian multinational technology company that provides enterprise resource planning software.

**Responsibilities:**

* Worked on the development and testing of the infotainment module using Agile (SCRUM) methodologies.
* Used display tag to render large volumes of data. Bean, HTML and Logic tags are used to avoid java expressions.
* Worked on RESTful APIs for HTTP requests between client and server.
* Developed Hibernate DAO classes and with the spring framework manager classes retrieve and save the data from the database.
* Used Hibernate Detached Criteria, HQL and written some SQL queries for data retrieving.
* Used spring framework to achieve loose coupling between the layers thus moving towards Service Oriented Architecture (SOA) exposed through Restful Services.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Used Spring Batch to design lightweight and comprehensive solution to the development of batch applications.
* Developed and implemented Business Requirements using Spring MVC framework. Implemented cross-cutting concerns such as logging, authentication and system performance using Spring AOP.
* Created the User Interface screens using Spring MVC for logging into the system and performing various operations on network elements.
* Designed and developed web pages HTML, JSP, Port lets, AJAX, JSTL, JavaScript, Angular JS, bootstrap, JQuery, and CSS.
* Developed necessary parsing and XML construction logic using XML parser APIs JAX-B.
* Experience in implementing custom monitoring system through Splunk into deployment processes.
* Implemented RESTful Web Services using Spring MVC and JSON.
* Developed strategies and supported tools to create an efficient automated integration and release process using Jenkins.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Expertise on Selenium Data Driven framework and integrating it with Maven Build Management Tool, TestNG Unit Testing tool and Jenkins Continuous Integration Tool.

**Environment:** Spring MVC, JSON, Maven, Jenkins, REST, Splunk, Hibernate, HTML, Eclipse, STS, XML, JAX-B, GIT, Jenkins, TestNG, and Selenium.

**Education:**

**Bachelors:** B Tech ECE, JNTUK, India, 2013.

**Masters:** Masters in CS, University of New Haven, USA, 2016.