**Aryamol Ravindran**

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**Professional Summary:**

* **Professional Java/J2EE Software Developer with 8+ years of focused experience of Web based applications with provisioning of groundbreaking and customized solutions to meet capricious industry requirements.**
* Extensive development experience in **object-oriented analysis, design, and programming (OOA/OOD/OOP) throughout complete SDLC in various models like Waterfall and Agile.**
* Developed web application in open-source java framework **Spring. Utilized Spring MVC framework**. Also configured and developed web applications in spring, Aspect Oriented Programming, and Inversion of control.
* Used **Bootstrap and Angular.JS, React.js and Node.js** in effective web design
* Developed pages using **JSTL, Struts tag libraries and HTML5 and CSS3,** performed client-side scripting using **AJAX, JSON in Java Script**. Also experienced in writing XML converters using DTD for validation, XSL for formatting and displaying XML data on browser.
* Working knowledge in **Core Java, Java 8 and JavaEE platform with Servlets, Groovy, JSP, JDBC, Multithreading, Hibernate, Spring MVC, Spring Boot.**
* Expertise in Development of the applications using **Java / J2EEtechnologies Servlets, JSP, JDBC**
* Good knowledge on Database Connectivity Programming Using **JDBC and Hibernate**.
* Expertise in programming with **Hibernate Framework, Hibernate Configuration, Object Relation Mapping (ORM)**
* Expertise in **RDBMS, JDBC, Oracle and SQL Server including SQL/PLSQL, Stored Procedures and TOAD.**
* Experienced in designing, developing, and deploying J2EE applications on **WebSphere, WebLogic, Apache Tomcat and JBoss Servers.**
* Experience writing SQL queries and working with Oracle and My SQL.
* Real time Experience in Java tools like Maven, SVN, JIRA, LOG4J, SOAP UI, and GITHUB.
* Expertise in **spring framework**, include **Spring IOC/Core, Spring DAO** support, **Spring ORM, Spring AOP, Spring Security, Spring MVC, Spring Cache** and **Spring Integration**.
* Good knowledge on Database Connectivity Programming Using **JDBC** and **Hibernate.**
* Used Java 1.8 with **Spring Boot**, **Spring Cloud** and **Micro service** Patterns like **Netflix Eureka** for Service.
* Experience in **Spring Security OAuth 2.0** and developed an application that have the option to split them across two applications, and to have multiple Resource Services that share an Authorization Service
* Experience with **Software Development Methodologies like SDLC, Object Oriented Analysis and Design (OOAD/ OOSD), Agile Software Development, Scrum Methodology.**
* Very strong understanding in **Spring Security OAuth 2.0** to requests the tokens and they are handled by Spring MVC controller endpoints, and access to protect resources handled by standard Spring Security request filters.
* Diverse experience utilizing tools in **Microservices** architecture applications using **Spring Boot**, **Spring Cloud** **config**, **Netflix** OSS components (Eureka, Zuul, Hystrix), Pivotal Cloud Foundry, **AWS**, **Rabbit** **MQ**, **Kafka**, **Zookeeper**, **Cassandra**, **My** **SQL**, **Restful Web Services**.
* Experience in creating various **Docker** **images** from the **Docker** containers and published these images in the Docker hub repository.
* Deployed the Dockized Spring Boot application using AWS **Elastic Bean Stalk (EBS).**
* Expertise in working with Struts Framework and had experience in **MVC2 architecture using Jakarta Struts 2 with features like Validation framework, Tiles framework.**
* Implemented Load Balancing of the servers using **Eureka** and **Ribbon**.
* Experience in setting up CI/CD pipelines using **Jenkins**, **Bamboo** and **GOCD**.
* Good experience in unit testing with **Karma, Jasmine** and **JUnit.**
* Good working knowledge of **Grunt, Bower**.
* Excellent experience with Relational databases like **MySQL**, **Oracle**, **SQL Server**, **DB2** and No SQL databases like **Mongo** **DB**, **Couch** **DB** and **Cassandra**.
* Experience in preparing deployment packages and **deploying to Dev** and **QA environments** and prepare deployment instructions to Production Deployment Team

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java, J2EE, JavaScript, SQL, PL/SQL |
| **Java Technologies** | Java, Servlets, JSP, JDBC, JNDI, JAXB, HTML, JSTL |
| **Frameworks** | Struts, Spring, Hibernate, JSP, JPA, JSF |
| **Web Services** | SOAP, RESTFULL |
| **Web Development Technologies** | HTML 5, DHTML, AJAX, CSS3, XML, XSL, XSLT, SAX/DOM, JavaScript, |
| **Web/Application Servers** | IBM WebSphere, Web Logic, J Boss, Apache Tomcat |
| **Databases** | Oracle, MySQL, Derby |
| **Configuration** | SVN, GIT, CVS, Rational Clear Case |
| **IDEs** | Eclipse, STS, Net Beans |
| **Methodologies** | Agile, UML, SCRUM, MVC |
| **Operating Systems** | UNIX, Linux, Windows 8/7/Vista/XP/2000/98/95 |
| **Tools and Other** | Maven, JUnit, Log4J, SVN, JIRA |

**Education:**

* Bachelor’s degree - Karpaga Vinayaga College of Engineering and Technology in Electronics and communication, India.
* Master’s degree - Bharathiar University in Information system, India.

**Professional Experience:**

**Client: - Hyundai AutoEver America, Fountain Valley CA Sep 2020 - Present**

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

**Description:** The Project involves application development, enhancement, and support for Complaints and Appeals Tracking System for the Client. The system is based on MVC architecture. This system has a capability to record and be a central repository of all Complaints, Grievances and Appeals which come to the Client, hence enabling users to produce correct and timely reports. Also, Involved in Order Management and Process Flow further to fulfillment micro services.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Implementing Service oriented architecture (SOA) and OOP concepts using Web Services like SOAP, REST services.
* Used of NodeJS mainly used for authentication, authorization, and session maintenance.
* Involved in Various Stages of deliverables of the project using the AGILE Software development methodology.
* Worked with NPM commands and using package. JSON for managing dependencies and dev-dependencies of Node.js.
* Designed and developed the application using agile methodology and followed Test Driven Development (TDD), Scrum.
* Created plugins to extract data from multiple sources like Apache Kafka, Database and Messaging Queues.
* Developed high Quality RESTful services with best practices using REST APIs and Spring Boot for Micro Services.
* Developing single page application by using Covalent open-source framework, which is built on Angular 7/8.
* Build REST by building Node JS Server in the back end to handle requests sent from the front-end jQuery Ajax calls.
* Used Multithreading concept to post data from files to tables involving transformation of file in different formats.
* Defined file structure for Angular JS files based in Angular IO documentation.
* The modules of the application are based on Spring MVC architecture and J2EE technologies.
* Designed and developed of web-based application using Java 1.8, Spring, SQL.
* Responsible for developing the application using Angular 7/8, Node JS, Typescript, JSP, CSS3, HTML 5, jQuery, Bootstrap, Struts and JavaScript.
* Used Angular JS components, Forms, Events, Keys, Router, Redux, Animations and Flux.
* Developed the application using Java 1.8 and implemented its features like Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
* Used Java 1.8 features such as Lambda Expressions to make the code concise and Stream API to increase the performance and manage some of the AWS Services.
* Responsible for identifying and designing the MQ objects required and involved in capacity planning for the MQ objects.
* Implemented DAO layer using Spring JDBC Module to call DB2 stored procedures from the application.
* Worked with NoSQL Cassandra to store, retrieve, and update and manage all the details for Ethernet provisioning and customer order tracking.
* Created microservices with spring boot and spring cloud and deploy to Pivotal cloud foundry (PCF)
* Development of front-end application using Angular, Dependency injection and Http modules with Node JS server for future evolutions.
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Developed adapters to retrieve data from cloud application using Web Services, SOAP & Rest and security protocols WS Security, OAuth 2.0.
* Setting up AWS Oracle RDBMS databases for new project, use data pump to migrate data to Relational Database Services
* Used config-server options of PCF for maintaining application properties pertaining to each environment
* Migrate Oracle 11g database to SQL database using ESF Database migration toolkit.
* Integrated Spring Dependency Injection (IOC) among different layers of an application.
* Designing and developing a data migration strategy and source to target mapping to migrate the data out of the legacy systems into the Cassandra customer DB.
* Installed Kafkaon the cluster and configure producer and consumer coding part in java to establish a connection from source to HDFS with popular hash tags.
* Using Angular 7 we created custom directives for re-usable components.
* Developed REST API's using Spring MVC and Spring boot, hosted all micro services on PCF.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Developed various helper classes needed following Core Java multi-threaded programming and Collection classes.
* Assisted in development and maintenance of new APIs for integration with Restful web services.
* Used object storage container to store the secured files and retrieved from API by using Amazon web services (AWS)
* Support business service leads, architects, and designers in their delivery of SOA components.
* Secured the API's by implementing Oauth2 token-based authentication using spring security
* Deployed Spring boot based Micro Services, Docker container using EC2 container services and AWS admin console.
* Setup database passwords as services in PCF and accessed them from the application.
* Wrote Hibernate configuration file, hibernate mapping files and define persistence classes to persist the data into Oracle Database. Implemented the caching mechanism in Hibernate to load data from Oracle database.
* Used Angular 7 framework where data from backend is stored in model and populated it to UI.
* Developed and used Postgres functions and Stored Procedures to perform operations on Postgres SQL.
* Worked with GIT version controlling system for continuous developments using agile methodologies.
* Wrote numerous session and message driven beans for operation on JBoss and Web Logic, Apache Tomcat Server was used to deploy the application. Used ANT build scripts to build the war file and deployed war on tomcat app server.
* Worked on parser tool with Pivotal Cloud Foundry (PCF) and on Technical Essentials and Architecture with AWS.
* Developing Docker file for different end points and validate them through the Docker-central to run the Jenkins job with given parameter and deploy job to the Kubernetes.
* Developed data transformer for converting legacy data from Source tables to avro format and fed into **Kafka**using **Camel**
* Expertise in designing test cases for unit testing applications using Junit5 and Cucumber.
* Involved in CI/CD process using GIT, Jenkins, Maven build Create Docker image and deployment in AWS and PCF environment.
* Configured Jenkins and manifest file for RESTful services and deployed them to PCF cloud using Jenkins.
* Wrote database queries using SQL and PL/SQL for accessing, manipulating, and updating Postgres SQL database.

**Environment:** Java 1.7/ 1.8, JSP, Spring, AWS, EJB, JMS, XML, XSLT, JDBC, AJAX, HTML, CSS, Oauth 2.0, Bootstrap, JavaScript, Oracle 11g/12c, Angular JS 7/8, Typescript, Restful, SOAP, jQuery, Hibernate, PostgreSQL, JPA, Micro Services, Apache Camel, PL/SQL, JBoss, Docker, Log4J, Maven, Jenkins, Cassandra DB, Junit, Apache Tomcat, Mockito, JIRA.

**Client: American Freight, Delaware OH June 2019 – Aug 2020**

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

**Description:** This project was implemented to specify all the features and prices of all communication products. This application was developed with lot of modules like Orders, Trade Quotes, Shipping, Reports, and vendor information. It also includes inventory, Management and Order tracking.

**Responsibilities:**

* Design and development applications using Rational Unified Process (RUP), UML and OOAD and created Use Cases, Class Diagrams, Sequence Diagrams using Rational Rose.
* Designed and developed web-based software using Spring MVC Framework and Spring Web Flow.
* Developed JSP, HTML, CSS and a part of presentation layer using JavaScript, Angular 6 and React JS.
* Deployed application updates to AWS EC2 and monitored the load balancing of different instances and used AWS IAM for access management.
* Core Java development and Support of Java/J2EE applications with emphasis on OOP-based web forms, business logic, database access components.
* Using Azure Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* Used Multi-threading to handle REDIS cluster failover between local and remote data centers.
* Working on development of platform for multi tenants built in Java (Spring Boot) and Angular JS/React.
* Design and development of many PL/SQL batches using JAVA with connectivity to Oracle for data maintenance and handling. Used SVN Subversion for software version control.
* Used new Java 8 features, such as Lambda expressions, Streams and Functional Interfaces.
* Handled client validations, slide show, hide and show controls, dropdown menus and tab navigation using jQuery.
* Implemented the web services client to consume the third-party service API for validating credit cards.
* Implemented Collections Framework for fetching and appending string from the deployed UI.
* Involved in writing API for Amazon Lambda to manage some of the AWS Services.
* With the concept of ReactJs Worked on usage metrics and also end to end events tracing for analysis purpose.
* Developed UI using HTML5, CSS3, JSP, JavaScript, Angular 6 and Bootstrap.
* Worked on Configuration of Internal load balancer, load balanced sets and Azure Traffic manager.
* Installed and configured Docker for creating virtual environments. Applied the company build pipeline using Jenkins, AWS, and Docker.
* Used SQL Azure extensively for database needs in Customer Lookup
* Created Directives, Services, Filters using Angular 6 with Typescript.
* Designed the UML, created class, sequential diagrams using Borland Together Architecture, modified code, configured WebLogic server and project in Oracle.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 6.
* Implemented JMS for sending the messages to RabbitMQ queues and supporting, troubleshooting RabbitMQ related issues and used RabbitMQ to communicate with controller and for business logic.
* Involved in working on Cassandra database to analyze how the data get stored.
* Development of MQ application programs for Java JMS environments using queues and messages.
* Designed and created Cassandra tables as data repository to host transactions and implemented Kafka consumers move transaction data from Kafka to Cassandra.
* Implemented Azure Application Insights to store user activities and error logging.
* Developed/Maintained relational database hosted on PostgreSQL, accessed by Java programs.
* Implemented business logic in middle tier using pluggable components, which were specified in the customized xml documents using Spring Framework.
* Extensively used AWS to integration with Enterprise and web applications. Persistence layer implemented using Hibernate framework.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Fetching user contacts from third party accounts using OAuth Authentication.
* Used Web Services for transmission of large blocks of XML data over HTML.
* Mapped java classes with database using Hibernate and in Hibernate Query Language (HQL).
* Developed Apache Camel routes and defined JMS endpoints for message processing and routing.
* Used MQ, HTTP and email to send the notifications messages to administrators.
* Design and development of messaging applications using Java Messaging Service (JMS), Advanced Message Queuing Protocol (AMQP) Spring JMS, MQ Series and RabbitMQ.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA) and React-Redux to make REST API calls.
* Wrote Restful Web Services to communicate with MongoDB.
* Development of Micro Services for all the models using combination of Spring Boot and Spring Security.
* Used Jenkins for continuous delivery by enabling deployment into several environment.
* Used SOAP based web services to develop interfaces to integrate between front end systems and back-end systems.
* Designed and documented REST/HTTP API’s including JSON data formats and API versioning strategy.
* Implemented Test Driven Development (TDD) for developing and testing the application.
* Developed Apache Camel middleware routes, JMS endpoints, Spring service endpoints and used Camel free marker to customize REST responses.
* Using Kafkafor Publish/Subscribe pattern in application dealing with messaging.
* Worked on Maven Scripts to deploy application code into Tomcat servers.
* Created Custom Directives in Angular JS 4, making use of Modules and Filters objects according to the application.
* Used Junit5 & JMeter framework for Unit testing the application.
* Used Java Message Service (JMS) for reliable and asynchronous exchange of important information such as loan status report between the clients and the bank.
* Deployed Spring Boot based Microservices in Docker and Amazon EC2 container using Jenkins.
* Involved in complete Agile/SDLC Requirement Analysis, Development, System, and Integration testing.
* Developed Test scenarios using Gherkin Language (Cucumber Tool)
* Used SVN and GitHub for software configuration management and version control.
* Used Clear Case for source code maintenance.

**Environment:** Java, J2EE, Spring MVC, Angular JS 4/6, Hibernate4.3x, JSP, HTML, XML, CSS, AJAX, JavaScript, Bootstrap, GWT 1.6, React JS, Apache Kafka, Azure, jQuery, Rabbit MQ, PostgreSQL, Cassandra DB, Apache Tomcat, Micro Services, WSDL, RESTful web services, MongoDB, Oracle 10g/ 11g, JMS, WebLogic, Jenkins, JUnit, Log4j, Git.

**Client: UPS, Sacramento CA Jan 2018 – May 2019**

**Role: Full Stack Java Developer.**

**Description:** This project provides a comprehensive solution to facilitate the pricing needs of the business. This solution will leverage technology to implement a consolidated database and engine that will enable business to view, model and change the various aspects of management and processes. This system will help bring together one manageable and measurable repository.

**Responsibilities:**

* Involved in Requirements gathering, Analysis, Design, Development, and Testing of the application using AGILE methodology (SCRUM).
* Developed the web interface using HTML5, CSS3, JavaScript, jQuery, React JS & Node JS.
* Designed Java Components and integrated using spring framework with Hibernate Object/Relational persistence mechanism.
* Worked on custom libraries for business layer using Object oriented programming (OOP).
* Used Angular Http services to perform backend REST webservices interactions to get and post JSON data.
* Involved in writing Spring Configuration XML, a file that contains declarations and business classes are wired-up to the frontend managed beans using Spring IOC pattern.
* Worked on Message Oriented Middleware implementation using JMS and Apache Kafka.
* Developed JMS Sender and Receivers for the loose coupling between the other modules and implemented asynchronous request processing using Message Driven Bean.
* Migrated existing on-premises infrastructure into cloud using Azure and its associated Services.
* Designed and coded the J2SE solver, used to solve differential equations for the multithreaded simulation.
* Developed UI automation for Node JS based web applications using Selenium Web Driver developed in Node JS
* Implementing the Node.js server-side code to interact with MongoDB to store and retrieve data by using the Mongoose drivers.
* Developing Micro Services leveraging in an Azure cloud environment
* Designed, developed a custom, single-page, responsive web application on front end using Angular 2.
* Working with React Router for developing Single Page Applications SPAs and Implemented React JS code to handle cross browser compatibility issues.
* Worked with NPM commands and using package. JSON for managing dependencies and dev-dependencies of Node.js applications.
* Designed and developed Customer Lookup tool which is helping customer in expediting Azure outage assessment and end-customer communication workflow.
* Implemented custom Directives and structural Directives using Angular 2 and developed code on Typescript and implemented Angular 2 Components.
* Using Hibernate as ORM tool to store the persistence data into the Oracle 10g database.
* Worked with NoSQL database MongoDB and created pipeline from MongoDB Cluster.
* Worked with java libraries to access AWS facilities as Simple Storage and Simple queue service and Couchbase DB.
* Used Node.js for server-side code and React JS as the framework. Written callback functions for the Restful API.
* Worked on Azure Resource Manager (ARM) that provides security, auditing, and tagging features to help you manage your resources after deployment.
* Used design specifications & Developed communication between Client and server using multi-Threading.
* Worked on NoSQL database like MongoDB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using Apache Kafka.
* Deployed the Docker image of services building Docker file and build a continuous delivery pipeline for containers using AWS Code Pipeline and Amazon ECS.
* Develop Message Driven Beans (MDB) & involved in building and accessing a Web Services using SOAP over JMS.
* Added the required jars to the drool’s files, build the package and deployed it on the JBoss server.
* Developed server-side software modules and client-side user interface components deployed entirely in Compute Cloud of Amazon web Services (AWS).
* Involved in using React JS components Forms, Events, Keys, Router, Animations and Flux concept.
* Designed and developed DAO layer with Hibernate standards, to access data from SQL Server.
* Worked on setting up Maven scripts to build, package, and deploy application code to the target Apache Tomcat Servers and worked on continuous integration servers like Jenkins.
* Configured Jenkins in Micro Service apps for deploying and implemented Jenkins for the central build.
* Used GIT as source control management giving a huge speed advantage on centralized systems that must communicate with a server.
* Worked with Jenkins under the CI/CD pipeline providing continuous improvement to agile software development.
* Used Clear Case for source code maintenance.

**Environment:** Java/J2EE, JMS, JNDI, JSP, JSF 2.0, JavaScript, Oracle 10g, Mongo DB PL/SQL, Spring boot, Node Js, React JS Spring MVC/JDBC/IOC, Maven, Jenkins, Test NG, Apache Kafka, Micro Services, IBM MQ WebLogic 10, Active MQ, Couch DB, GitHub, Junit, Swagger, Hibernate, Azure, AWS.

**Client: Capital Group, Irvine CA Aug 2016 – Dec 2017**

**Role: Java Developer**

**Responsibilities:**

* Involved in writing technical document Analysis, Design, Development, Integration and Testing of modules & developed this application based on the Agile Development practices.
* Collaborated with Business Analysts during design specifications & Developed communication between Client and server using multi-Threading.
* Created stored procedures, triggers and different joins for database using SQL scripts & Used SOAP based web services (JAX-WS, JAXP-RPC, and JAXB) to communicate across different systems and worked with SOAP UI for analyzing and debugging requests/responses & Developed JUnit test classes for testing the modules.
* Developed presentation layer using JSP, HTML, CSS, AJAX, JavaScript, jQuery and Apache Wicket & Implemented IPC Message queues for communication between servers & involved in designing Activity Diagrams, Sequence diagram and Class diagram using rational rose UML tool.
* Used Micro Services architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Swagger, Cassandra and MQ message brokers and leveraging
* Developed light weight business component and integrated applications using Spring framework, Spring web MVC using features like IOC and configuring application context for spring bean factory
* Worked on IBM DB2 for storing and retrieving data of application & Created DDL, DML to create tables and to assign specifications for created tables.
* Implemented java multithreading to process Image download applications.
* Used Micro Services architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Wrote the front-end look and appearance for the screens using Java, Core Java, NO SQL, AWS, Bootstrap, Node JS, JavaScript, AJAX, and jQuery.
* Deployed the Spring Batch application on Pivotal Cloud Foundry (PCF) instance and bind the services like Java and PostgreSQL services.
* Designed Micro Services to fetch from legacy and upload in Database from/to multiple buckets using SDK Java client.
* Developed web pages with JSP, JSF, jQuery, AJAX, java scripts & Developed code using Core Java to implement technical enhancement following Java Standards.
* Used config-server options of PCF for maintaining application properties pertaining to each environment and User-Provided-Config-Server (cf cups) option for Syslog and Oracle DB connectivity.
* Used XML and JSON for transferring/retrieving data between different Applications and Used MongoDB database high availability concepts with data replication, for the failover design.
* Also wrote complex PL/SQL queries using Joins, Stored Procedures, Functions, Triggers, Cursors, and Indexes in Data Access Layer.
* Implemented the project using JAX-WS based Web Services using WSDL, UDDI, and SOAP to communicate with other systems.
* Deployed the project into Heroku using GIT version control system and Worked on a large-scale distributed computing environment, monitoring data nodes to prioritize jobs for processing functions
* Developed back-end interfaces using embedded SQL, PL/SQL packages, stored procedures, Functions, Procedures, Exceptions Handling in PL/SQL programs, Triggers.

**Environment:** Java/J2EE, Swagger, JSP, JSTL, EJB 2.0/3.0, Rabbit MQ, JMS, MVC, DAO, Struts, Hibernate, Spring Boot, Junit, JBoss, Oracle 8i/9i/10g, SQL Server, and MySQL Eclipse SVN, GIT, Cassandra DB, ClearCase, UML, Jenkins,

**Client: Speck Systems LTD, India Jan 2014 – May 2015**

**Role: Java/ J2EE Developer**

**Responsibilities:**

* Struts Framework in conjunction with JSP and Tag Libraries used in developing user Interface for administrative screens and user interaction screens.
* Documenting and understanding the business requirements and use cases for the application.
* Core Java coding and development using Multithreading and Design Patterns.
* Designing and implementing scalable, RESTful, and Micro Services-based backend. The backend is being written in Java using Spring Boot for simplicity and scalability.
* Worked on Micro Services development using spring boot and deployment in Pivotal Cloud Foundry (PCF)
* Involved in writing and invoking the Spring MVC calls.
* Implemented the caching mechanism in Hibernate to load data from Oracle database.
* Manipulated data using CRUD operations of MongoDB database management system and handled database access using Node JS.
* Involved in the implementation of JSPs, Servlets to interact with Oracle Database
* Implemented Web Services using SOAP protocol, UDDI, WSDL and Service oriented Architecture (SOA) Concept.
* Used Hibernate as ORM solution in persistence layer of the application.
* Used HQL (Hibernate Query Language) to write static and complex queries while communicating with DB2 database. Worked on utilizing TOAD and DB2 provoke to interact with the database.
* Worked in creating various types of indexes on different collections to get good performance in Mongo DB.
* Involved in developing custom tag libs, JSP, EJB's, Portlets and DB2 - stored procedures.
* Defined persistent classes that are mapped to database tables based on the analysis of the business domain.
* Created an XML configuration file for Hibernate -- Database connectivity.
* Used micro-framework to implement with REST API and Mongo DB (NO SQL) as back-end database.
* Involved in JUnit Testing. Debugging and troubleshooting the bugs and resolving the issues.
* Performing Code merge using SVN.

**Environment:** Java, Struts 2.2, Hibernate, Node JS, EJB, WebLogic Server, PCF, HTML, CSS, JUnit, JSP, Servlets, JMS, Oracle 9i, Windows XP, MVC Pattern, SVN, Log4J

**Client: Visionyle Solutions, India**  **Jul 2012 – Dec 2013**

**Role: Jr. Java/ Software Developer**

**Responsibilities:**

* Generated the classes and interfaces from the designed UML sequence diagrams and coded as per those plans along with the team.
* Developed user interfaces for policy owner module using JSPs, Struts Tag Library, and Tiles framework.
* Developed necessary DAOs (Data Access Objects) for policy owner module.
* Application was built on MVC architecture with JSP, CSS, HTML and DHTML acting as presentation layer, Struts framework as business layer.
* Performed client side and server-side validations using Struts validations. Created Action Form beans and performed validation by configuring the Struts Validator.
* Used Dispatch Action to group related actions into a single class.
* Developed Business tier and Presentation tier using Struts, JSP. Coding using JSP, HTML, and CSS JavaScript for validation, Servlets using STRUTS framework, JDBC.
* Wrote JDBC class to interact with Database.
* Created database tables for the application on a DB2 database.
* Created data model, SQL scripts for the application.
* Build the applications using ANT tool. Also used Eclipse as the IDE.
* Actively involved in testing, debugging and deployment of the application on WebLogic Application server. Developed test cases and performed unit testing using JUnit.
* Participated in design session and design reviews.

**Environment:** Java1.5, JDBC, JUnit, Struts 1.1, Tiles, HTML, CSS, JSP, JavaScript, DAO, Eclipse, WebLogic, UML