**Ruchitha Srinivas**

**Phone: (773) 536-9682**

**Email:** r.srinivas3001@gmail.com

**Professional Summary**

* Around **8 years** of full stack development experience in all phases of Software Development Life Cycle**)** which includes Analysis, Design, Development, Implementation and Testing of **web based**, **enterprise business** applications using the **JAVA/J2EE technologies**.
* Strong knowledge on **OOPs** concepts **Core Java, Multithreading, Exception handling,** and **Collection** framework.
* Experience in building Web User Interface (UI) using **HTML5, CSS3** and **JavaScript, JQuery, Angular, Bootstrap, Node**.
* Well understanding in implementing the features of **ES6** like **arrows, modules, block scoping, promises** and **enhanced object literals.**
* Developed applications using **JQuery, React JS, Handlebar JS** for view rendering and implementing **React JS** with **Redux and Flux** patterns to attain MVC functionality.
* Experience in various MVC java frame works like **Angular JS, Backbone JS, Ember JS, Knockout JS, Ext JS**
* Worked extensively on client-side JavaScript framework **Angular 2.x/4.x with NGRX** to achieve **MVVM** design flow using dependency injection from component to services, pipes, shadow dom.
* Hands on experience in developing server-side JavaScript frameworks using **Node JS** combined with **Hapi JS** and **Express JS.**
* Strong experience in developing Dynamic Single page application (**SPA**) using **MEAN** (**Mongo**, **Express JS**, **Angular** and **Node JS**) full stack development kit.
* Involved in working with Java script build tools like **GRUNT**, **GULP**.
* Experience in usage of bundle package and task runner tools like **Bower** on UI testing with **Karma**, **Jasmine**, **Protractor** for Angular JS**, Mocha** and **Chai** for React JS and Node JS.
* Expertise in developing **SOA (Service Oriented Architecture) and Micro services architecture using J2EE Web Services based on Restful (JAX-RS), SOAP (JAX-WS), JAX-RPC and JAXR (Java API for XML Registries)** using frameworks like **Apache CXF, Jersey.**
* Developed several **RESTful** API web services which generates **XML** and **JSON** to perform web and mobile application tasks. Documented the **RESTful** services using **SWAGGER API**.
* Better understanding of using **Spring Cloud–Netflix OSS** stack for **micro services** deployment and auto configurations like **Ribbon** (client-side Load Balancer), **Hystrix** (latency and fault tolerance library), **Zuul** (gate way for routing, monitoring, security) with **Eureka** service registry.
* Good experience in developing applications using java web enterprise frameworks like **Spring MVC**, **JSF**, **structs** to connect with web container.
* Hands on expertise in frameworks of **Spring** such as **Spring JDBC** (connect to the database and execute **SQL** queries), **Spring Batch** (for processing large streams of data), **Spring JTA**, **Spring Inversion of Control** (**Dependency injection**), Aspect Oriented Programming (**AOP**) (breaking down program logic into distinct parts), **Spring transaction Management** and **Spring Security** (Authentication and authorization).
* Good Hands-on experience in various spring framework modules like **spring boot**, **spring AOP**, **spring security**, **spring cloud**, **spring data**, **spring batch.**
* Expertise in working with **SDLC Waterfall**, **TDD**, **Agile** software methodologies.
* Good Experience on the Web Servers like **Apache** **Tomcat**, **Oracle** **WebLogic**, **IBM** **WebSphere**.
* Extensive experience with Java based **ORM** frameworksinvolving **Hibernate, JPA, Spring Data** and **iBatis.**
* Hands on Experience in working with **RDMS** (Relational database management system) **MYSQL, Oracle 10g/11g, SQL-Server, DB2.**
* Experience in using NoSQL Databases like **Mongo DB**, **Cassandra, Couch DB and Graph DB** for handling the unstructured data.
* Good experience in writing stored procedures, functions and triggers using **PL/SQL in JDBC, ODBC** and in **WebLogic server**.
* Implemented **PL/SQL scripts views, triggers dynamic views, store procedures**.
* Worked on Java Message Service (**JMS**) **API** for developing message Oriented middleware (**MOM**)layer for handling various asynchronous requests.
* Solid experience in integration tools like **Spring Integration, Mule ESB, Apache CXF, Apache Kafka** and **Apache Camel** to integrate the enterprise application technologies with existing JVM environment.
* Configured **Kibana** data visualization plugin for **Elasticsearch**, **Logstash** and created bar, line and scatter plots, or pie charts and maps on top of large volumes of data.
* Used **Splunk** to create and visualize dashboards, create charts for analysis and comparison and Used Simple XML source code to customize dashboard content and behavior
* Hands on experience in implementation of **PCF** (Pivotal Cloud Foundry) **PAAS** (Platform as a Service) services such as **Pivotal Application Service, Pivotal Container Service and Pivotal Functional Service** to continuously deliver applications on to the cloud.
* Well experienced in using various **AWS** (Amazon Web Services) **IAAS** (Infrastructure as a Service) Components like **EC2** for running applications on virtual machines, **S3** and **Glacier** for storing and long term back up of data, **Elastic Beanstalk** for persistent block level storage, **Elastic Cache**, **Dynamo DB**, **SQS** for Elastic load balancing, storing data and message queueing**, RDS** for setting relational database in cloud and **Lambda** for server less program functions.
* Used **Kubernetes** Linux container for deploying and scaling containerized applications.
* Good knowledge on providing authentication and authorization for web services using **OIDC** (Open ID Connect) on top of **OAuth 2.0**(**Single sign on** helpful for logging user activities as well as monitoring user accounts) and **Spring Security**, **Site Minder** (for PoL based authentication) and **JWT** (**JSON** web tokens for securely transmitting information between parties as a JSON object).
* Worked with build tools such as **Gradle**, **MAVEN**, **ANT** and Version Control tools like **Git**, **GIT LAB**, **SVN**, **Big Bucket** and **CVS** for maintaining code repositories.
* Implemented **Docker container service**, build pipe line **Jenkins, Bamboo** and **GoCD (Go Continuous Delivery)** to achieve **Continuous Integration** and **Continuous Deployment** that can run on the cloud or on-premises.
* Used **log4j**, **slf4j**, log-commons which is a reliable, fast and flexible logging framework (APIs) written in Java, which is distributed under the Apache Software License.
* Strong knowledge on automated java based **behavioral testing** and **integration testing** of the applications using **Cucumber** and **Selenium** respectively.
* Experience in testing with **Junit Framework** using **Mockito** and **Easy Mock**, **Spring Junit Runner**, **JMeter**, **TestNG**, **PowerMock**, **MockMVC**.
* Experienced in Developing **Test Driven Development** code using **Junit** and **Mockito** framework.
* Used Amazon Web Services (**AWS**) for promoting code in various Environments.
* Deployed **EC2** instances provisioning on **AWS** environment and implemented security groups, administered Amazon VPCs.

**Technical Skills**

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| --- | --- |
| **Programming Languages** | Java5/7/8, C, C++, PL/SQL, .Net |
| **Web Technologies** | HTML5, CSS3, JavaScript, AJAX, JSON, Bootstrap, Jquery, Angular2.0/4.0, React JS with Flux, Redux, Ember JS, Knockout JS, Back Bone JS, Handlebar JS, Node JS, Express JS, Hapi JS |
| **J2EE Technologies & frameworks** | Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis. |
| **Databases** | Oracle 8i/9i/10g/11i, DB2, SQL Server 2000/2005/2008, MYSQL, MongoDB, Raven DB, Cassandra |
| **Application/Web Servers** | Oracle Web logic, IBM Web Sphere, JBoss, Glassfish, Apache Tomcat |
| **Messaging Services** | JMS, Active MQ, Rabbit MQ, IBM MQ, Apache kafka |
| **Web service frameworks** | JAX-RS, JAX-WS, Apache CXF, Axis, Jersey |
| **Software Methodologies** | Agile, Scrum, TDD, Waterfall |
| **Build & Configuration Tools** | Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Webpack, NPM, Bower |
| **Testing Tools** | Junit, TestNG, Mockito, PowerMock, Jasmine, Karma, Mocha, Chai, Spock, Protractor |
| **Version Control Tools** | GIT, SVN, CVS, Bitbucket, Clear Case, GITLAB |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Cloud Technologies & DevOps Tools** | AWS, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS**,** RDS, S3, Glacier |
| **Operating System** | Windows, Linux, Unix, MAC, MS-DOS |
| **IDE’s** | Eclipse, Visual Studio, Intellij, Spring Tool Suite, Sublime Text, WinSCP, Putty |

**Education:**

**Bachelor of Science in Electrical Engineering**

**Manipal University, Manipal, Karnataka**

**Professional Experience**

**Role- Full Stack Developer**

**Client- Fannie Mae**

**Herndon, Virginia**

**June 2017 - Present**

**Description**

Fannie Mae is a leading source of financing for mortgage lenders, providing access to affordable mortgage financing in all markets at all times. In Fannie Mae I along with my team developed application for employees within the company. The employees can access Customer information and update the customer information on various types of policies provided by the company. The employees can also process claims and authorize payments for the customers. This application also provides various functionalities such as generating different types of quotes based on mortgage and loan history of customers. This application with a user friendly interface benefits agents and developers by allowing creation, modification and in depth analysis of the policies.

**Responsibilities**

* Developed application of **Micro Service Oriented Architecture** using **Spring Boot,** **MEAN** **4+ (Mongo, Express Angular 4.0 and Node)** stack.
* Developed Single Page Applications(**SPA**) with multiple components for loading multiple views using Angular4.0
* Implemented Front-end User Interface using **Angular 4.0, HTML, CSS3(SASS)** and using **Bootstrap** for responsive design.
* Implemented **Angular Routers** for navigating between multiple views without rendering views every time from server which helps my application faster and efficient.
* Used **Web Pack** module bundler for compilation of SAAS files into CSS and for monitoring the application.
* **Typescript** language is used to develop our Angular4.x applications which provides advanced features like auto completion, navigation, and refactoring.
* Configured various routes, directives for grid, pagination, conditional validations, templating, dynamic loading, **lazy loading**, **Shadow DOM**, **ngrx/store**.
* **ngrx/store** and **ngrx/effects** are used for storing and managing state of the data while navigating between the forms in application.
* Build RESTful web service by building Node JS Server in the back-end to handle requests sent from the front-end.

Used **Node JS** along with **Express JS** to achieve re-usability and gain centralized logic

* Developed readable and writable streams of **Node JS** to process the data from external means of the application.
* Configured **Express JS** node http framework to set up middle-wares to respond to HTTP requests and used its front-end tooling like **web packs, starter packs, boiler plates** efficiently.
* Developed dynamic and responsive Web pages from scratch using **HTML5, CSS 3(using SASS)**
* Implemented the associated business modules integration using **Spring Boot** and **Spring Data MongoDB, Spring Data JPA.**
* Unit testing of web services is done using **Spock** framework by extending **Groovy** syntax.
* Used Spring Dependency Injection, annotations and **Spring MVC** components to implement business layer and navigation part of application.
* Developed the application as a **Spring Boot** App to get range of non-functional features.
* Implemented **Spring Cloud**-**Netflix OSSS tack** along with using **Ribbon** for client-side load balancing, **Netflix Zuul API Gateway** with **Eureka service registry** for reverse proxy infrastructure and **Hystrix Circuit Breaker** for fault tolerance.
* Worked on **Mongo DB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design, etc.
* Implemented **Mongoose** **Connector** as our **ODM** **framework.**
* **Mongo** **DB** was used for heterogeneous collections of content types.
* Employed the **Single Sign On** (SSO) authentication using CA Site Minder for logging to the application from different cross network websites.
* Used **OAuth 2.0** protocol for authorization of server and application use Access Tokens for making API requests and implemented **Site Minder** for **Single Sign On**.
* Developed **Apache Kafka** services for sending and receiving the messages.
* Angular Unit testing was performed by writing the test cases on **Jasmine** and **Karma** was used for running those tests.
* Implemented AWS solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups, Optimized volumes and EC2 instances and created monitors, alarms and notifications for EC2 hosts using **Cloud Watch.**
* Used **Log4J** to capture the log that includes runtime exceptions.
* Configured **Kibana** data visualization plugin for **Elasticsearch**, **Logstash** and created bar, line and scatter plots, or pie charts and maps on top of large volumes of data.
* Used **Source Tree** for **Git** (Subversion tool) and **Jenkins**, **Docker** for building the **CI/CD** pipeline and used **Maven** as a build tool.
* Developed test cases by using **TestNG**, also using **Mockito** and **Easy Mock** for unit testing for each module developed in **test driven development**.
* Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Worked on the **Splunk** architecture and various components (indexer, forwarder, search head, deployment server), Universal and Heavy forwarder for Dashboards.
* **Kubernetes** is configured in the application for automating deployment, scaling, and management of containerized applications.

**Environment**

Angular 4.0, Node JS, Express JS, HTML5, CSS3-SASS, Hibernate4.x, OAuth2.0, OIDC, Eclipse Java EE IDE, JIRA, Apache Kafka, IBM MQ, Jenkins, Log4j, Mongo DB, Mongoose Connector, Oracle, Kibana, Elastic search, Logstash NPM, Web pack, EC2, S13, RDS, EBS, Elastic Load Balancer, Docker, Spock, Karma, Jasmine, Mocha, Chai, Mokito, Junit, mock MVC, Kubernetes, New Relic, Dump Analysis, Netflix Zuul, Eureka, Maven3.0.

**Role- Full Stack Developer**

**Client- BMO Harris Bank N.A**

**Chicago, IL**

**April 2016 – May 2017**

**Description**

BMO Harris Bank, N.A. is a United States bank based in Chicago, Illinois. provides rich support and enhancement features of Internet banking and Mobile banking. The project is responsible for application development of all NA browser based applications supporting BMO Harris bank cards, Mortgage clients. While supporting existing application architecture, the team embarks on new technologies including Responsive Web Design(RWD), Cloud Infrastructure-as-a-Services(IaaS), Service Oriented Application services and Web API’ fully on a path of an agile development technology.

**Responsibilities**

* Developed a **Micro Service Oriented** applicationwith **React JS** in the front end
* Responsible for the overall layout design and prototype using **React JS** with **Redux** library, **jQuery UI** and **CSS/Less** and **HTML5.**
* Worked in using **React JS components**, **Forms**, **Events**, **Keys**, **Router, Animations,** and **Redux** concept.
* Validating Properties for correct usage of Components using **React JS**.
* Solid experience in developing the rendering view **React JS** components, forms, events, routers and **Redux asynchronous** functions and implemented **React - Flux** pattern for core dependency.
* Implemented various screens for the front end using **React JS** and used various predefined components from **NPM** (**Node Package Manager**) and **Redux** library.
* Create, edit and maintain sites implementing responsive design & themes using front-end development frameworks including **Bootstrap.**
* Used **Bootstrap** front-end framework for faster and easier web development. Design website and maintain the website content up to date.
* Implemented Front-end User Interface using **Angular 2.0,** **HTML, CSS3(SASS)** and using **Bootstrap** for responsive design.
* Strong experience with **Axios AJAX** to pull the data from the **REST API** and issued HTTP requests to interact with REST endpoints.
* Worked with **Cassandra Node Connector** for database persistence to interact with **Cassandra NOSQL DB** with **Spring Data** to unify and ease the access to Cassandra persistence stores.
* Integrated **spring with Hibernate** for data access from **MySQL** Database.
* Unstructured data was handled using **Cassandra DB** and used **Cassandra Connector** for connection.
* Used **Cucumber** and **Selenium** for Behavioral and Integration testing respectively.
* Deployed the **Dockerized** Spring Boot application that is intended to be run on dev local machine using **PCF** (Pivotal Cloud Foundry).
* Used **Oath 2** which is a lightweight authentication framework with a central authorization server and generates an **access token** to access a protected resource on a resource server.
* **Oath 2** simplifies all the communications between the client, server, and content provider.
* Designed, configured and deployed **Amazon Web Services** (**AWS**) for a multitude of applications utilizing the Amazon Web Services focusing on high-availability, fault tolerance and auto-scaling.
* Installed the application on **AWS EC2** instances and configured the storage on **S3** buckets.
* Extensively used **GIT** for version controlling and regularly pushed the code to Git Hub.
* Used **MAVEN** for building the project, dependency and documentation which is based on **POM** (project object model).
* **BABEL** and **Webpack** is used to build and deploy the application.
* Performed Unit test cases using **Junit,** **Cucumber** for Spring, **Protractor** for Angular, **Mocha** and **Chai** for React.
* Worked on the **ELK (Kibana)** stack to facilitate information processing and sharing.
* Developed the code for asynchronous update to web page using JavaScript and **Ajax.**

**Environment**

HTML5, CSS3, SAAS, Pivotal Cloud Foundry, OAuth 2, Cassandra DB, MySQL, Bootstrap v4.0, Angular 4.0, React with Redux, AJAX, jQuery, Junit4, Maven 3.0, Babel, Cucumber, Protractor, Git, Java SE8/J2ee, Spring 5.x, AWS SNS/SQS, hibernate 4.x, SOAP/RESTful, ES6, JavaScript, Typescript, Relay.

**Role- Full Stack Developer**

**Client- T-Mobile, CA**

**Dec 2014 – Mar 2016**

**Description:**

T-Mobile is a leading Telecom Domain company based in USA. T-Mobile Equipment Installment Program (EIP) team works with clients to help their customers finance their Mobile devices from various available installment plans, introduce new plans and calculate down payment and monthly Installment using Credit Information of an end user. This Project was developed using Spring, Struts 2.x, Maven, JPA, HTML5.0, CSS, JavaScript, JQuery, RUP, JMS, DB2, WebLogic Application Server, and SOAP Web Services.

**Responsibilities**

* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, CSS3 (SASS)** and **AJAX.**
* Defined and developed the application’s presentation layer using **HTML**, **CSS**, and **jQuery Scripting**.
* Using **Angular JS** for user interactions in pages.
* Implemented web interface(UI) for end users using **Angular JS,** which has migrated from the existing **Backbone JS** application.
* Created two way binding **Angular JS Components** and provide access to the server-side through **Backbone's API** from **Backbone. Model** and **Backbone. Collection.**
* Experience in applications using **SOA architecture** with **SOAP**, Restful Services and used **XML** for message communication.
* Involved in designing and developing navigation bar, home page menu, and login interface using **HTML**, **CSS,** **JavaScript**, **Bootstrap**, **SASS**.
* Developed application on Spring framework by utilizing its features like **Spring Dependency injection, Spring Beans, Spring Security, Spring JPA**, **Spring AOP** using MVC.
* Established continuous integration (CI) practices and standards for PSCU with **Jenkins.**
* Utilized various **JavaScript** and **JQuery** libraries, AJAX for form validation and other interactive features.
* **Junit** was implemented for Unit testing and **Cucumber** (**behavioral driven testing**) was for Integration testing.
* Used **IBatis 2** as **ORM** tool for database communication.
* Deployed the micro services using **Docker** container
* Proficient in writing complex **SQL** queries and **stored procedures**.
* **MySQL** database used to load the application data and written **PL/SQL** procedures, complex queries to perform various data operations.
* Implemented application security using **Spring Security** for user access management.
* Implemented various validations rules using **JBoss** Business rules in the drl (drools file) using **Drools rule engine.**
* Implemented **WADL** configuration and **API** documentation for the understanding of **Rest** based web services.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Involved in Documentation and Design using **UML** modeling such as Class diagrams, Sequence diagrams, and Use case diagrams.

**Environment**

AJAX, jQuery, Spring Security, Spring, Angular, Angular JS, Backbone JS JavaScript, SOAP, Hibernate, Microsoft SQL Server, HQL, UML, XML, Log4j, Web services, Maven, Jenkins, STS, JBoss, JUnit.

**Role- JAVA Developer.**

**Client- Herbalife International Inc,**

**San Jose, CA,**

**July 2013 – Dec 2014**

**Description**

Herbalife International of America, Inc. is a global network marketing company that offers a range of science-based health and wellness products. This Project was on designing and implementing technical solutions that support the business e-commerce needs. Project is all about Multilevel marketing to maintain the relation between the distributors and their monthly orders.

**Responsibilities**

* Worked with **Backbone JS** to enhance existing angular apps and code some new functionality and developed application front end using **HTML, CSS, Ajax**.
* Client-side validations are performed using **JavaScript** and **jQuery** Framework.
* Invoked view components by configuring **Dispatcher Servlet** and **View Resolver** to handle incoming requests and manage the **Spring MVC** flow.
* Analyzed and implemented **Model View Controller** (MVC-2) architecture and developed Form classes, Action Classes for the entire application using **Spring Framework.**
* Designing new components to fit in the already existing architecture using core Java, **multi-threading**, design patterns like the **factory method, Abstract factory pattern, Singleton**, while developing web-based applications using **REST Web Services**.
* Used **ANT** to **deploy** application in **IBM WebSphere** in **UNIX** environment **IBM AIX**. Tested the application after making the necessary configuration.
* Provided daily support for **production**, **stage** and **testing** environments for **WebSphere MQ** **operations** and **problem determination**.
* **Grunt** used for Mini fiction of JavaScript files, compilation of **SAAS** files into **CSS** and for monitoring the application.
* Worked with build tools such as **Gradle**, **MAVEN**, **ANT** and Version Control tools like **Git**, **GIT LAB**, **SVN**, **Big Bucket** and **CVS** for maintaining code repositories.
* Implemented **Java Persistence API** **(JPA)** and Hibernate for performing Database Transactions.
* Extensively used **Java server Faces (JSF)** Navigation rules and JSF tags for enhanced user Interface.
* Used **Multithreading**, **Collections** and other **J2EE** technologies to design and develop the code.
* Designed and Developed scripts for uploading data from flat files and **XML** files into database, performing business validations on the data using **PL/SQL** Procedures.
* Used **Spring JPA** to perform **CRUD Operations** and persist the data to the database.
* Experience in deploying the micro services using **Docker** container and ability to setup continuous integration and deployment pipeline using **Jenkins.**
* Integrated testing methods implemented by using **Karma** and **Jasmine**.

**Environment**

Backbone JS, jQuery, HTML, CSS, Ajax, Spring MVC, Spring JPA, Multi-threading, Maven, REST web services, Java Server Faces (JSF), IBM WebSphere, WebSphere MQ, ANT, Jasmine, Junit, Grunt, Gulp, IBM AIX

**Role: Java/UI Developer**

**Client: Myntra.com**

**Bangalore, India**

**Jan 2012 – May 2013**

**Description**

Myntra is a B2B transaction portal, which enables marketplace for small, and medium sized enterprises E-commerce in India seeking export opportunities. Developed the E-Commerce web application which is used for online shopping which deals with clothes, accessories and products from a number of brands. The requested data can be displayed in a summary view or through a detailed view. The application involves automated approval or rejection criteria to preprocess the Bill.

**Responsibilities**

* Implemented connectivity to databases using **JDBC** from **servlets** and **JSP** through **Enterprise Java Beans(EJB).**
* Developed Web pages using **JSP** and implemented **Struts** Validation framework for form input validation
* Implemented J**avaScript** Library for simplifying the **HTML** document traversing, and event handling.
* Developed a Monolithic application and generated UI screens using **JSP**, **HTML**, **CSS**, **JavaScript**.
* Worked with **Core Java** concepts like **Collections** Framework, **Multithreading**, and **Memory management.**
* Wrote the high performance multi-threaded Java code using **singleton, mediator, visitor, facade, observer, template, factory and publish and subscribe design pattern**.
* Used various Core Java concepts such as **Exception Handling, Collection APIs** to implement various features and enhancements.
* Created several **JSP pages** as common library that included in the other pages as standard modules like Portlets.
* Followed **Waterfall methodology** for development process.
* Developed **DAO**s using **IBatis** persistence **API** for the database operations to interact with **Oracle** database.
* Involved in writing **PL/SQL Stored Procedures** in order to reduce number of calls sent to database which will enhance the performance**.**
* Wrote Unit test cases using **JUnit & Mockito** framework.

**Environment**

JSP, HTML, CSS, JavaScript, Struts, Dependency Injection, Annotations, Spring Security, Spring IOC, Spring AOP, Ibatis, JSP, Servlets, Ibatis persistence API, Collections, XML, PL/SQL , Mockito, EJB, ANT, JTA.

**Role- JAVA/UI Developer.**

**Client- HDFC Bank**

**Bangalore, India**

**Aug 2010 – Dec 2011**

**Description**

HDFC Bank Limited is an Indian banking and financial services company. The application EBank is an Internet Banking product, designed and developed using Java Servlets and JSP to meet the demands of the Bank customer for transactions through Internet. EBank is a powerful tool that consumers and business owners can use to manage their finance. It is developed for two environments:

Internet: Customers to access through Internet.

ATM: Customers to access at ATMs.

Internet module includes account checking, online requests, bill payments, fund transfer. ATM includes withdrawal and deposits along with the other features. Security features incorporated.

**Responsibilities**

* The application is designed using J2EE design patterns and technologies based on MVC architecture.
* Involved in various phases of Software Development Life Cycle (**SDLC**) and Agile methodology is used for development of the application.
* Developed application based on **Model View Controller** (MVC) architecture
* Implemented forms and action classes for the application using **EJB** and **Struts Framework**
* Created a batch process framework using **Java Multithreading** to cascade multiple changes on multiple records in one transaction.
* Primarily focused on the spring components such as **action Servlets, actions, Model and View Objects, View Resolver.**
* Used **Log4j** to provide central logging facility and worked on SVN as version control system, on day-to-day basis to maintain the code history.
* Extensively used **XML** to code configuration files.
* Created **stored procedures and database scripts** to populate database tables.
* Developed test cases by using **TestNG** for **unit testing** for each module developed in **test driven development.**

**Environment**

Java, JavaScript, JSP, Spring, Struts (2.x), EJB, SQL, PL/SQL, JDBC, Eclipse, TestNG, Log4j.