**SHEETHAL NARRA**

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**PROFESSIONAL SUMMARY**

* 8+ years of experience in designing and developing software applications with **Object-Oriented and Java/J2EE** technologies with comprehensive mastery in developing highly accomplished software applications.
* Expertise in developing reusable and interoperable Web service modules based on **microservices**, **SOA** architecture using **SOAP** and **RESTful**.
* Expertise in developing **SOA** (**Service Oriented Architecture**), implementing Restful webservices based on (**JAX-RS**) using frameworks like **Jersey**, **REST easy**, **Spring REST**.
* Used **JERSEY** framework to implement the **JAX-RS** (**Java API for XML** and **RESTful** Service) and provided security using **SSL**
* Developed Spring **REST web services** to serve multiple applications across the organization. The data is provided in **JSON** and used Jackson library. Also, consumed **REST web services.**
* Knowledge in web service development using **Spring Rest** using **@RestController** and **@ResponseStatus** annotations.
* Knowledge in creating the Rest Producer and Rest Client using **Spring Rest Template and** have knowledge in Decomposing existing monolithic code base into **Spring Boot microservices**
* Experience in Developing, Publishing and Consuming **SOAP** web services to expose useful functionality to web users using **Apache CXF**, **JAX-WS API** and **WSDL.**
* **Micro Service Oriented Architecture** used to build the Single Page Applications **(SPA)** using **MEAN (Mongo, Express, Angular, and Node**) stack, where **Spring Boot** and **Node with express** used for the backend services, **Angular 5.0/4.0** is used in front end and **Apache Cassandra** and **Mongo DB** are used as Databases.
* Implemented security functionality with **OAuth 2.0**, **Spring security, SSL** and site **minder (SSO).** Secure authentication with **OAuth 2.0** for generating tokens in the application using **Spring Security**.
* Implemented Web API to use **OAuth2.0** with **JWT** to secure the web **API** Service Layer.
* Implemented crosscutting concerns using **Spring AOP** and data base security using **Spring Security** technologies like **JWT (Json Web Tokens).**
* Experience in designing and developing **multi-tierenterprise applications** using **Java, JEE**& related technologies such as **Servlets, Struts, Spring, Hibernate, JSP.**
* Developed a **Monolithic** application and generated **UI** screens using **JSP**, **HTML, CSS,JavaScript,** developed presentation layer using **STRUTS tag libraries like logic, html, bean**, Etc. in **JSP** pages.
* Designed and developed UI screens with **XSLT** and **JSF** to provide interactive screens to display data.
* Experienced in Spring modules like **Spring Boot, Spring MVC, Spring AOP, Spring Batch in Spring Framework**.
* Involved in Java multithreading to cascade multiple changes on multiple records in only one transaction and developed a **Batch process framework** Used **WSDL** and **SOAP** protocol for Web Services implementation.
* Used **Spring IOC** for **dependency injection** and developed controllers for handling **Http requests** and providing **Http response**.
* Designed and developed application using Spring Framework modules like **Spring IOC,Spring AOP** and handled security using **Spring Security OAuth**.
* Used **Maven** build tool to deploy the application on **web servers** i.e. **JBOSS**.
* Configured **JBOSSApplication server** and used **Oracle** database with **HibernateORM framework** and used the functionalities of**Hibernate’s** second level **EH Cache.**
* Knowledge on web servers like **Double Click,Live Rail** and few Application servers like **Apache Tomcat, Apache server.**
* Developed reusable component libraries (**CRUD** Scaffolding) to be reused in different projects throughout the company’s IT team using **GWT, Spring data**, **JPA.**
* Experience with backend Database languages **like Oracle, DB2, SQL server, MYSQL, SQL lite with SQL** programming language like **PL/SQL** Database environments. Strong in-depth knowledge of various database systems.
* Created **Views, Sequences** in the oracle database and modified the existing **PL/SQLstored procedures**.
* Worked with **NoSQL** database **MongoDB** and worked with it to perform many different operations
* Good exposure to **Elastic Search Engine: Log Data** (Logs response), **KIBANNA** (Dashboard for Logging), **SPLUNK** (creating dashboards) and**NoSQL database** like **MongoDB**, **Cassandra.**
* 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.
* Expertise in Front End web technologies like **HTML, CSS, Java Script, AngularJS, JQUERY, ES5, ES6, AJAX, Bootstrap JS** to achieve design flow and developing dynamic web pages. **CSS2/3** (using **SASS** and **LESS**)**,** for client-side view rendering services, used **React JS** for various predefined **Redux** libraries**.**
* Good experience in developing dynamic websites using the **MEAN Stack and MERN stack for** page generation that is handled by **React** itself on the server side.
* Microservice Oriented Architecture used to build the Single Page Applications **(SPA)** using **MEAN(Mongo, Express, Angular, and Node)** stack, where **Spring Boot** and **Node with Express** used for the backend services, **Angular 5.0/4.0** is used in front end and **Apache Cassandra** and **Mongo DB** are used as Databases.
* Developed and prepared test cases for **unit testing** with **Jasmineand karma**, for **NODE, REACT** used **Mocha and Jachi.**
* Experience in all stages of testing namely **Functional testing**, **Performancetesting,Integration testing**, **Regression testing** and **User Acceptance testing.**
* Good experience in using **Grunt** (task runner tool), **GULP** (streaming build system tool), **Web Pack (**JavaScript module bundler), **Bower** (Dependency management tool).
* Used **GULP** for magnification of **JavaScript files**, compilation of **SAAS files** into **CSS** and for monitoring applications.
* Developed various **single page applications (SPA)** using **REACT JS** and used various components in the **REDUX library**, created proof-of-concept using responsive **Web design**, **React JS**, developed drag and drop document editing using **React JS**, and Maintained the project in one store with help of **REDUX**, and worked with **REDUX** architecture.
* Hands on experience in creating components documentation using **React JS**
* Well experienced in developing applications using **jQuery**, **React JS** for view rendering and implementing **React JS** with **Redux** and **Flux** patterns to attain **MVC** functionality.
* Used **AngularJS** and **Node JS** / **React with Redux** and **React with Flux** to structure **JavaScript** code in **MVC.**
* Defined new validations through **Angular JS** for the form field validation implemented through **HTML 5 and** Expertise in **Angular JS** controllers, directives, factory and services resources, routing and events.
* Experience with the new features of **Angular 4.0** new if else syntax, **ng-templates**, form validators, Routers.
* Experienced in Optimizing the performance of application using **Angular 4Lazy Loading** and ahead of time compilation.
* Created client-side validation code using **Angular 4** Validators and Integrated and dispatched client requests using **Angular 4** Services.
* Worked with **Angular CLI** and Typescript in **Angular 4.0** to create Controllers and Angular components for the Web Pages.
* Created custom elements, **HTML** imports, **Shadow DOM** allowing fully encapsulated custom elements using **Angular 4**.**0** and worked with reactive forms, template driven forms **Angular 4** to transform the data.
* Experience with dependency management in software components using **Dependency Injection** in **Angular 2.x/4.x**
* Experience with **Event handling, asynchronous programming,** and handling multiple values using **Observables** in **Angular 2.x/4.x**
* Good experience in developing and updating a web page using **HTML5**, **CSS3,JavaScript** with **ES5**,**ES6 and TypeScript**with shipping, staged, and in progress featuresincluding Default Parameters, Template Literals, **Arrow functions** and promises across various browsers and thereby achieving cross browser compatibility.
* Experience in **TDD** (test driven development), **SDLC** methodologies like **Agile and Scrum.**
* 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.
* Worked with **Junit** in unit test **using Mockito and power Mockito**, Integration testing and **log4j** determining application functionality, Clear quest, Bug tracking tools such as **JIRA,** Quality Center.
* 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.
* Good Understanding on **Spring Cloud-Netflix OSS** stack for **Microservices** 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 and log management with **ELK**.
* Deployed and developed the project using **AWS EC2, S3 Buckets, Data pipeline**, **Elastic Bean Stalk, Lambda**, **Amazon messaging services (SQS**) and **Amazon Kinesis Services**.
* Cloud based deployment experience on **Amazon EC2** and their other offerings like **S3** and **AWS**.
* 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 backup of data, **EBS** for persistent block level storage, **Elastic Cache**, **Dynamo DB**, **SQS** for message queueing, **RDS** for setting relational database in **cloud** and **Lambda** for server less program functions.
* Designed and created highly scalable, highly available, fault tolerant, highly secured, distributed infrastructure (**IAAS**) using **EC2** instances, **S3**, **EBS**, **API Gateway**, **Elastic Bean Stalk**, **ECS**.
* Good Knowledge on **Docker** components like **Docker Engine**, **Hub**, **Machine**, **Compose** and **Docker Registry**.
* Experience in **Microsoft Azure** services like **PAAS**, **IAAS** and worked on storages like **Blob** and **SQL Azure**.
* Hands on experience in implementation of **Pivotal Cloud Foundry** (**PCF**) services such as **Pivotal Container Service**, **Pivotal Application Service** and **Pivotal Functional Service**.
* Used **Dynatrace** to achieve the visibility by applying monitoring to an API.
* Strong experience in integration tools like **Apache CXF**, **Apache camel** Spring Integration and **Mule ESB** to integrate the enterprise application technologies with existing **JVM** environment.
* Good Knowledge on automated Java based integration testing and behavioral testing of the applications using **Selenium**, **Unit** testing.
* 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.
* Deployed **Spring Boot** based **MicroservicesDocker** container using **Amazon EC2** container services and **AWS** admin console.
* 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.
* Experience in publishing and subscribing streams of records in enterprise message system and in designing and building real time streaming data pipelines using **Apache Kafka**
* Configured **IBM-MQ** in servers as message driven architecture for the exchange of messages between the applications. Created **topics, queues** and **MDB's** for communication using **JMS/IBM MQ Series.**
* Creating restful web services and middleware interface messaging layers using **JAVA, Spring Boot**, **Apache Camel, Active MQ** and **Tomcat.**

**TECHNICAL SKILLS:**

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| **PROGRAMMING LANGUAGES** | JAVA, JAVA-SCRIPT, C, C++, PL/SQL, SCALA, SAS, .NET. |
| **JAVA /J2EE TECHNOLOGIES** | STRUTS, SERVLETS, JSP 1.2/2.0, JMS, JSF, JDBC, JSF, JNDI, EJB. |
| **WEB TECHNOLOGIES** | HTML 5, CSS, JAVA-SCRIPT, AJAX, BOOT STRAP, REST, STRUTS, JSON, ANGULAR 2.0/4.0, REACT JS WITH REDUX, FLUX, BACK BONE JS, NODE JS, EXPRESS JS, HAPI JS. |
| **FRAMEWORKS** | ANGULAR JS, NODE JS, BACKBONE JS, STRUTS, SPRING, HIBERNATE, IBATIS, JSF |
| **SOA AND WEB SERVICES RELATED** | SOAP, REST. |
| **BUILD TOOLS** | ANT, MAVEN, JENKINS, GRUNT, GULP, BOVER. |
| **PROJECT EXECUTION MODELS** | WATERFALL, AGILE |
| **APPLICATION SERVERS** | BEA WEBLOGIC, IBM WEB SPHERE, JBOSS, APACHETOMCAT. |
| **MESSAGING TECHNOLOGIES** | JMS. |
| **METHODOLOGIES/DESIGN PATTERNS** | OOAD, OOP, UML, MVC, MVVM. |
| **DATABASES** | MySQL, ORACLE 8i/9i/10g, SQL-SERVER, DB2, NOSQL (MONGO DB, CASSANDRA, COUCH, GRAPH, DYANAMO DB) |
| **IDE’S** | ECLIPSE, NETBEANS, INTELLIJ, VISUAL STUDIO, SPRING TOOL SUITE. |
| **DESIGN & IDE TOOLS** | RATIONAL ROSE, MICROSOFT VISIO, GIT, SVN, JUNIT.  TESTING (JIIRA, JUNIT, MOCKITO, JMETER,  JQUERY, CLEAR QUEST, MOCHA, PROTRACTOR),  MONITORING (SPLUNK, GOMEZ),  TRAFFIC ROUTING (Big F5) |
| **OPERATING SYSTEMS** | WINDOWS XP/VISTA/7/8/10, LINUX, UBUNTU, MAC. |

**EDUCATION:**

Bachelor’s in Computer Science from Lovely Professional University (LPU), India.

**PROFESSIONAL EXPERIENCE:**

**Client Name: OFFICE DEPOT, Boca Raton, Florida. MAY 2018-PRESENT**

**Full Stack Developer**

**Description**:

**OFFICE DEPOT**is an international underwriter of special Retail company. My role is to develop all application specification and associate code and ensure compliance to all program standards and technical specifications and prepare all existing systems within required time frame.

**RESPONSIBILITIES:**

* Involved in requirements gathering and analysis from the existing system. Captured requirements using **Use Cases** and **Sequence Diagrams**.
* Worked as a part of **Agile** Software Development Methodology including **Scrum** technology.
* Used **JavaScript and jQuery** for validating the input given to the user interface
* Implement the web application using technologies **MongoDB, HapiJS, Angular 5, Node.jsalong with HTML5, CSS3, JavaScript, jQuery, Bootstrap and other web technologies**.
* Migrated the code from **Angular 4 to Angular 5** to make the compilation faster, build optimization, to make the application support for multiple export alias.
* Developed several services in **Angular 5** and shared them among different **components** using the **dependency injection**.
* Created custom **directives** in **Angular 5** for **reusable components(directive for browser controls like: disable right click, browser close, and lock screen while transition, multifield form elements, back ground file uploads etc.).**
* Tested **Angular 5** with **Jasmine and karma** testing frameworks.
* Developed**application** from scratch including **Mongo DB** server setup and **Hapi-JS server** development.
* Developed **REST services** using **Node-JS, Hapi-JS, Body-Parser, Mongoose, and other node modules** to serve the web application with **JSON data**
* Worked with **HTTP/HTTPS** protocols by using **Angular 5** components to build **microservices** in **Node JS**.
* Used **HapiJS middleware** to provide response to **HTTP requests**and to send **status codes** to the browser.
* Extensively used **promises** (Success and Error) while making sync communication. Wrote services with **Angular 5** to store and retrieve user data from the **Mongo DB** for the application on devices with the **Http service**.
* Used **Mocha** (a JavaScript test framework) to write the tests at **server side** and used **Jasmine** on the client side.
* Used **Mongoose API**toaccess the **Mongo DB** from **Node JS** and used **Angular CLI and NPM** for scaffolding the **Angular 5** Application.
* Involved in creating **MongoDB**, collections and documents and developed **Mongoose** Schema objects to perform **CRUD** operations
* Used **Continuous delivery / Continuous Integration (CD/CI)** tools **Docker, Jenkins** to deploy this application to AWS.
* Used **GIT for Version Control** of code for incremental development and day-to-day basis to maintain the code history.
* Used **Postman** tool to test the API workflow tested on the **JSON files** which are generated by the **NodeJS, HapiJS**.
* Worked with **Microservice** architecture using **Spring Boot** to modularized code and implemented **Rest API’s** using **Spring Rest**
* Designed and developed **RESTful** web services using **Spring Boot** and **Jersey** framework.
* Used **Springboot** which is radically faster in building cloud **microservices** and develop **Spring** based application with very less configuration.
* Migrating existing application into **REST** based **Microservices** to provide all the **CURD** capabilities using **Spring Boot**.
* Integrated **Swagger API** for **Spring Boot**documentation.
* Performed the code building using **MAVEN.**
* Made enhancements to existing **CSS** and **DIV tags**, made upgrades using **Twitter Bootstrap model**.
* Used **Firebug, Firebug Lite, and IE Developer Toolbar**, for debugging and browser compatibility Enhanced website by creating presenting new static model pages and presenting it to senior management for attracting the customers and existing users.
* Experience in **Docker** Engine and **Docker** Machine environment, to deploy the micro services-oriented environments for scalable application.
* Created a new cluster and container management tool using **KubernetesforZero downtime Deployment.**
* Created instances for **AWS EC2** and created **AWS s3** buckets to monitor the access to the hosted files.
* Developed Microservices using **Spring Cloud Netflix OSS** stack to address Load balancingusing **Ribbon, API Gateway** using **Zuul Fault.**
* Used **Netflix OSS** to allow application to changeits properties **Dynamically** after the deployment
* Implemented **Kibana** for centralized **logging and monitoring** that builds on **Elasticsearch** upon **MongoDB** for analytics and visualization of the user’s login
* User authentication is done through **JSON Web Tokens(JWT).**
* Developed the functionalities under **Agile Methodology, JIRA processes** and used **JIRA** for **task assignment**, bug tracking and fixture.
* Used **Log4js** for automated logging of error messages.

**Environment:HTML5, CSS, Angular4, J Query, Angular5, NodeJS, Express JS, JWT, JIRA, GIT, HTTP/HTTPS, Firebug, Jasmine, Mocha, AWS EC2, AWS S3, Postman, Log4js, kubernetes, kibana(ELK), SpringBoot, swagger API, Agile Methodology, Mongoose ORM, MongoDB, Docker.**

**Client Name: Matrix Medical Network, Scottsdale,Arizona. AUG 2017-APRIL 2018**

**ROLE: Full Stack Developer**

**Description:**

Matrix Medical Network provides high-quality, culturally-sensitive healthcare coverage and services to millions of people across the United States and internationally. The project deals with development of an enterprise application leveraging diverse data from the external systems that may be integrated via web services with internal and customer facing system. The aim of this program was to effect a transformation from the current method of sales operations to a world leading customer and selling experience that provides a significant competitive advantage in the marketplaces.

**RESPONSIBILITIES:**

* Implemented Microservice architecture Application using **MERN**Stack – **React** for front end UI, **Node.js,HAPI JS** for Backend Services and **MongoDB** is the Database used.
* Experienced in working on **REACT with MVC** architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Well experienced in developing applications using **JQuery, React JS, Handlebar JS** for view rendering and implementing **React JS** with **ReduxandFlux** patterns to attain **MVC** functionality.
* Expertise in using **React.js/Redux** to build User Interface, strong knowledge of state store, middleware, action creator, reducer and container.
* Written several **Axios** service calls like get () and post () to make **REST** service calls.
* Developed user interface by using the **ReactJs, Flux** for SPA development and implemented client-side Interface using **ReactJs.**
* Created responsive design and developed a single responsive website that could be served to desktop, Tablets and mobile users using **ReactJs.**
* Implemented **Redux Form** to build Report Data Grid, tree grid, and developed DataGridItems which can be dragged by IRD system users.
* Worked with **HTML5, CSS3, JavaScript, XML, JSON, AJAX,** and **Bootstrap.**
* Implemented Virtual Dom for Client-Side view rendering services using **REACT JS.**
* **Redux/NGRX** and understanding of the Redux pattern
* Wrote Client-Side code using **React JS** and used **NPM,** directories to generate the server environments used browserify, flux to manage with targeted URL's (Uni-Directional data flows) and to monitor the application.
* **REACT JSVirtual DOM** used for client-side view rendering services, **React-Flux** for state management and React-Router for programmatic navigation
* Implemented User Interface using **HTML5**, **CSS/CSS3 (SAAS)**, Angular validations, **Bootstrap**
* Developed dynamic and responsive Web pages from scratch using **HTML5**, **CSS3**(using **SASS**) and **JavaScript**.
* Involved in creating **Single Page Application** with loading multiple views using route services and adding more user experience to make it more dynamic by using **REACT.**
* Worked closely with Business Analysts in understanding the technical requirements of each project and prepared the use cases for different functionalities and designs.
* Created **Typescript** reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 2.**
* Used Selectors, Events, **AJAX** and Dom Manipulation using components in **REACT** for updating content on **DOM** nodes.
* Used **Node.js**, **Flux**, **Common JS**, **Babel+ES6**, Web-Pack for **SPA** development.
* Experience applying the latest development approaches including MVC in the browser, event-driven applications using **AJAX**, **Object Oriented (OO) JavaScript**, **JSON**, **JSONP**, and XML, **Node.js,Angular JS.**
* Worked with the **Node package Manager (NPM)** along with **Grunt** and **Bower** for the build.
* Implemented various screens for the front end using Angular, components from **NPM (Node Package Manager**).
* Proficient in developing services using **Hapi.js** framework along with node.js and **Design Patterns**.
* **Node.js** used to proxy requests to eCollege Java web services, as well as store application preferences and state data in distributed **mongo** instance.
* Experience with Java microservices in **Spring Cloud** and **Spring Boot**
* Worked on **Java x.8/1.8** features such as Lambda Expression.
* Hands on experience in using many **Core Java 8** features like Concurrency, Streams and Filters
* API, Collections, Multi-Threading and Functional interface programming.
* Designed and developed the **REST** based Microservices using the **Spring Boot,Spring Data** with **JPA** (Java Persistence API) and deployed Microservices onto **Docker.**
* Implemented **Microservices architecture** using **Spring Boot f**or making application smaller and independent.
* Involved to implement various screens for the front end using **REACT**and used various predefined components from **NPM (Node Package Manager)** and **redux** library.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **REACT**.
* **Vue.js** was used to fetch data from server using **Axios,** prepare and transform data to display in the forms, validate user-entered data and then post data.
* Implemented **REACT** service calls using **Axios** to fetch data from remote servers.
* Used **JSON web Tokens(JWT)**mechanism for authentication and authorization security configurations using **Node JS.**
* Implemented generating the verification hash code using crypto package on **Node JS** and added user validations and user permissions by using **Node JS**.
* Worked with **Node JS** framework including authoring complex directives, services, controllers and filters.
* Developed readable and writable streams of **Node JS** to process the data from external means of the application
* Used **Node JS** router to make cross-domain requests to API services like **GitHub API**, **MongoDB**.
* Used **Node JS** along with **HAPI JS** to achieve re-usability and gain centralized logic
* Configured **HAPI 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.
* Used **HAPI JS** which is fast, assertive, essential and moderate web framework of **Node JS** that helps manage a sever and routes.
* Worked on **Mongo DB** database concepts such as locking, transactions, indexes, replication, schema design, etc.
* Used **iBATIS ORM** is a persistence framework which automates the mapping between **SQL** databases like automatic data mapper.
* Done a pipeline from **Mongo DB** cluster by configuring **Mongoose** Connector.
* Implemented **Elastic Search** in **Mongo DB** for synchronization of data in the database.
* Implemented server-side components using **Node JS** and **MongoDB** for data management.
* Worked with **Mongo DB** to store non-relational data into collection and retrieve them whenever required.
* Create **RESTful APIs** in Java with **Mongo** persistence
* Written **PL/SQL** in Oracle Database for creating tables, triggers and select statements.
* Implemented a metrics collection mechanism for the server by utilizing **Apache Kafka** to stream server-side events.
* Designed and deployed application using the **AWS stack** (Including **EC2**, **MongoDB**) focusing on high-availability, fault tolerance and auto-scaling, **AWS** deployment services.
* Employed the **Single Sign On** (SSO) authentication using CA **Site Minder** for logging to the application from different cross network websites.
* Used **Mocha** and **Chai** as unit test runner to test various **REACT** components.
* Developed test driven development code using **JUnit** and **Mockito** framework.
* Implemented **Spring Cloud-Netflix OSS** Stack 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.
* Used **Github** and **Jenkins** for building the **CI/CD** pipeline and day to day builds and deployments using **Gradle**.
* Used **Pivotal Cloud Foundry** to quickly build, deploy and update the applications and managed **Pivotal Cloud Foundry** based platform built on **Kubernetes** programming with deployment manager and containerized using **Docker**.
* Used **Log4J**, **slf4j**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.

**Environment: Mongo DB, Angular 2.0, HAPI JS, REACT JS, Node JS, View, Mongoose, HTML, CSS3, Typescript, EKS, JSON, NPM, Jenkins, Mocha, Chai, AWS, Single Sign On, CA Site Minder,PL/SQL, IBatis.**

**Client Name:7TABLETS, Dallas,Texas. APRIL 2016-JULY 2017**

**Role: Sr. Java /UI Developer.**

**Description:vc**

7 Tablets is a company is known for providing gracious service and a quality selection of timeless web Applications essentials in a broad range of sizes. The project is to build user friendly web-based interface for users to create customer service online. his Project will provide a self-service capability to customers allowing Dealers to book structured products 24/7.Developed Angular 2/4 Application with its modular approach, for the customers of 7 Tablets in the Structured way.

**RESPONSIBILITIES:**

* Used **SOA architecture** with **SOAP**, **Restful Services** and used **XML** for message communication.
* Involved actively performance tunings in **Java spring boot layer**, elastic side and production issues. Used **SOAP UI** for the functional testing and inspection and invocation of spring-based Web Services.
* Worked on Requirements elicitation by **JAD** sessions
* Experienced in Requirements management using **Use Case model**
* Designed components and their interaction using **Rational Rose.**
* Implemented the design using JDeveloper as IDE and **Apache -Axis** for exposing and describing **Web Services**through**WSDL**.
* Designed and developed complex intuitive **GUI** for Human Computer Interaction **- HCI**
* Used **JINI** and **Java Spaces** for dynamic network configuration
* Used **JMS** - **Sonique MQ** series for sending progress status, creating, processing and sending messages.
* Made Created **Typescript** reusable services and components to consume **RESTAPI’s** using Component-based architecture provided by **Angular4**.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in**muleESB** based on Service Oriented Architecture **(SOA).**
* Involved in designing and developing navigation bar, home page menu, and login interface using,worked on a responsive website for smart devices using Responsive design and media queries using dust template**HTML, CSS, JavaScript.**
* Experienced in other front-end technologies such as **SASS**, **LESS,Typescript**,**BOOTSTRAP**, **Angular1**, **BackboneJS ,Ajax**, **JSON**, **NodeJS** etc.
* Developed application using **Sprig MVC** as backend and to create user interface used **Backbone JS**, forstoring used **Oracle** Databaseby using **HTML, CSS, JavaScript, jQuery, Backbone JS.**
* Developed the UI with extensive use of **Backbone JS** framework that helped to organize the code and Designed and developed various UI features using **Backbone JS**, performed routing using **Backbone Router**.
* **iBATIS** ORM framework used to interact with database through query language.
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events triggered by clients and send request to server.
* Developed various building blocks such as models, views, events, routers and collections for assembling the client-side web applications using **Backbone JS**
* Made Ajax calls using **Backbone JS** to render the view from the server side, Used **jQuery** libraries to query the DOM and handled the Events using **Backbone JS** and Developed reusable components using **Backbone JS** through XML file view templates.
* Used **jQuery libraries** to query the **DOM** and handled the Events using **Backbone JS**
* Applied **jQuery scripts** for basic animation and end user screen customization purposes.
* Implemented various Validation Controls for client-side validation and implemented custom validation controls with **JQUERY** and **JavaScript**.
* Performed a lot of **DOM** manipulations using **native JS** and **jQuery** for loading and Manipulated dynamic content on webpages.
* Worked with custom directives in **Angular** to generate reusable components and developedcustom views using **Bootstrap** components.
* For data binding and reusability of **HTML** pages, Worked with some of the **Angular** directives.
* Worked on developing **Restful endpoints** to cache application specific data in in-memory data clusters like **REDIS** and exposed them with **Restful** endpoints.
* Deployed the application in **WebSphere Application Server 6.0.1** and Configured **JMS** in the **WebSphere** application server to send messages on the queue.
* Accessed Restful resources with **HTTP** protocol, the URL of the resource serve as the resource as the resource identifier and **GET, PUT, DELETE, POST** and **HEAD** are the standard operations.
* Created and consumed RESTful based Web services and used **SOAPUI** to test for send and receive **XML** data and worked with **JMS Queues** for sending messages in point to point mode communication.
* Implemented **WADL** configuration and API documentation for the understanding of **Rest** based web services.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Designed the base architecture of the system by implementing various design patterns for a clean architecture.
* Worked on **Java Message Service (JMS**) API for developing message Oriented middleware
* (**MOM**)layer for handling various asynchronous requests.
* Used **Maven** for build and **Jenkins** for continuous integration.
* Prepared and executed test case for unit testing using **JUnit**.
* Developed the **DAO** layer for the existing applications using **Spring,Hibernate** and developed various business logic and reports using **HQL** and **Hibernate Criteria.**

**Environment:(SOA, SOAP, Restful Services,XML, Java spring boot layer, SOAP UI, JAD, Rational Rose, mulesoftESB, HTML, CSS, JavaScript, SASS**, **LESS,Typescript**, **BOOTSTRAP**, **Angular1**, **Backbone JS Ajax**, **JSON**, **NodeJS,DOM (JS** and **jQuery, SSL security,Maven, HQL)**

**Client Name:JP MORGAN CHASE, Dallas,Texas JULY 2014- APRIL 2016**

**ROLE: JAVA DEVELOPER**

**DESCRIPTION:**

The project involves in enhancement of web-based online banking services to customers. It gives customers a secure and easy access to online functions that includes creating new accounts, monthly statements, account balances, transfer funds and more. Provident Bank updates all customer information each business day. The transactions and balances will reflect the previous business day’s activity.

**RESPONSIBILITIES:**

* Designed the user interface screen and its functionality as per user requirements.
* Developed dynamic web pages using **HTML**, **CSS,Bootstrap**, **JQuery** and **AJAX** for building up a **Monolithic application.**
* Created responsive UI modules using **Backbone JS** with hard coded dependencyof **Underscore JS** in combination with **Handlebar JS** for templating.
* Used **Backbone JS** to utilize its minimal set of data-structuring (models and collections) and user interface (**views and URLs**) primitives for building a **MVC** work flow design.
* Performed a lot of **DOM** manipulations using native JS and **jQuery** for loading and manipulating dynamic content on webpages.
* Used **JQuery** in developing the Rich Internet Applications (**RIA**) with **AJAX** mechanism and **JSON** as a data exchange tool.
* Created Mock-up designs and developed various functionalities with**JavaScript** and **JQuery**.-
* Utilized Futures and **Spring** Framework to make Asynchronous calls to the application.
* Developed Rest Web services using **Spring MVC** and migrated few services from **servlets** to **Spring MVC**.
* Responsible for using **Spring MVC** to develop **REST** web services within the application.
* Developed application on Spring framework by utilizing its features like **Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring AOP, Spring IOC, Spring Web flow** using **MVC**.
* Used **Spring Gem Fire** Cache Transactions with Springs Declarative Transaction Management and their annotations.
* Used **Spring Transactions** in the application and developed Session beans for the business logic at the middle tier level.
* Implemented the **Spring IOC** for the core business application logic and used Hibernate as persistence framework.
* Implemented **Spring Batch** for processing large volumes of records, including logging/tracing, transaction management, job processing statistics, job restart, skip, and resource management in the application using **Quartzscheduler**.
* Used **spring batch framework** to create custom readers and writers to work with the application. Used **spring batch framework** to update data in databases.
* Worked with **spring batch** to convert xml files to data base records.
* Created custom readers, processors, Validators, Field Extractors for various **Spring Batch** applications.
* **Spring Security** designed for authorization and authentication and manages the **CORS** and **CRSF** security issues.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Designed new queries in app to enhance **MySQL** database performance.
* Developed stored procedures, triggers in **MySQL** for lowering traffic between servers & clients.

**Environment: HTML**, **CSS**, **jQuery**, **Bootstrap**, **Less**, **CSS, Ajax, JQuery, JSON, Spring MVC, Spring Gem Fire, Spring Batch Framework, Spring Security, Drools Engine, MYSQL.**

**Client Name: ICICI, Hyderabad, India**. **AUG 2010- JUNE 2014**

**ROLE: SOFTWARE ENGINEER.**

**Description:**

Industrial Credit and Investment Corporation) is an Indian multinational banking and financial services company., Design & development of a Web Application that provides Internet banking services like Money transfer, managing credit card, loans, check deposits and provides statements. The customer can access complete account information, transfer money instantly and receive instantly and can-do payments for credit card.

**RESPONSIBILITIES:**

* Designed and developed web interfaces and business logic using **Jakarta StrutsFramework**
* (MVC architecture), **JSP, Servlets, Java Beans, JDBC, AJAX, Java Script, HTML**, **DHTML** and **XML** Technologies.
* Development of **Action Forms, Action Servlets, Action and Validating Action Forms** in **Struts** framework.
* Implemented the **MVC** pattern by using Struts with help of **controller servlet**. Action mappings, actions and global forwards are defined in **struts-config** xml file and method call implementations are developed in Action.
* Integrated Struts with **Hibernate** and used **ORM tool hibernate** to interact with database.
* Used **Hibernate** for mapping java classes with database and created queries with **Hibernate query language (HQL)** and integrated business layer with **DAO** layer.
* Used **Hibernate** as an Object-Relational Mapping **ORM** tool to store the persistent data and for communicating with **Oracle database** and to customize the data for new applications. Planned, Scheduled and Implemented on Linux boxes as part of proactive maintenance and **Secure Shell** (**SSH)** Implementation.
* Created and scheduled Batch process using **Java Batch** and **Spring Batch** and implemented job throttling for **spring batch** process.
* Used **Spring Batch** to develop batch processing to handle bulk requests from the clients.
* Used **Maven** as build tool to build artifact on the source code.
* Installed and configured **IBM Web Sphere** application server and **http web server** for development and production environment and used **Web Sphere** message broker and **Web Sphere** Message Queue for route, transform, migrate and enhance data.
* Develop and implement patch deployment plans used to patch development and production **Linux** and **Windows** servers.
* Modified **Korn** and **Bourne** shell scripts to automate administration tasks like customizing user environment and performance monitoring.
* Used **Drools** rules engine for defining business rules and Validations.
* Implemented **Multithreading** feature for processing the multiple requests to achieve high performance.
* Worked with **Core Java** concepts like **Collections Framework**, **Multithreading.**
* **Memory management** and used **Log4J** to capture the log that includes runtime exceptions, monitored error logs and fixed the problems.

**Environment: Struts 2.2, Spring 3.1, Spring IOC, Maven, Spring MVC, Hibernate, SQL, IBM Web Sphere, Web Sphere Message Broker, Web Sphere Message Queue, Linux, Drools, Multithreading and Log4j.**