Dimpi Modi[dimpimodi14@gmail.com](mailto:dimpimodi14@gmail.com)

Full Stack Developer 205-312-9322

**PROFESSIONAL SUMMARY:**

* Experienced Java developer engaged in the participation for development and Implementation of web-based/cloud-based application with both front-end and back-end technologies
* Hands on experience in client-side development with **HTML**, **CSS**, **JavaScript**, **jQuery**
* Involved in designed fully distributed system with the use of **Restful API** and **Micro Services**
* Strong skills in designing and implementing using web-based technology like **Spring Boot**
* Built user interface by using **React**, **Redux** to develop **Single Page Application (SPAs)** and worked with **React components**, **Forms**, **Events**, **Keys**, **Router**, **Animations** and **Flux concept**
* Expertise in core java concepts such as **Collections, Threading, Generics, Abstraction, Polymorphism, Inheritance, Garbage Collections, and Exceptional Handling**
* Worked on front-end as well as back-end of the APIs assigned mapping various framework such as **Angular, React, JavaScript, HTML, Node, Spring, Hibernate, Java, Servlets, Apache Camel**
* Good knowledge of **Hadoop** Architecture and its components like **HDFS**, **Job Tracker**, **Data Node**, **Name Node**, **MapReduce** concepts responsible writing MapReduce programs for **Hadoop** based Application
* Developed and updated the webpages using **HTML, CSS, React, Angular, jQuery, JavaScript, JSON** to solve browser compatibility
* Decent knowledge in working with **React**, **React Flux**, and **Redux** architecture using **OOPS** concept to improve websites performance
* Experienced in **Redux-Promise** in application to retrieve data from back end along with **RESTFUL** services
* Used React to create interactive user interfaces by using **one-way data flow**, **React Native concepts**, **JSX**
* Worked with **CI/CD** tools to deploy the application on **AWS** and **GIT** for Version Control of the code
* Designed and developed Microservices business components using **Spring Boot** annotations such as **@EnableAutoConfiguration, @SpringBootApplication, @EnableScheduling** to deploy the web app
* Performed **GitHub/GitHub-Desktop** bash and Terminal commands to **clone**, **fetch**, **merge** and **push** the code and created pull requests for changes that are made
* Hands on experience on developing **Microservices** with **Spring boot** using **Java** and **Scala** framework
* Expertise in J2EE testing tools such as **Junit, Karma, Jasmine, Mockito, Log4j**
* Good experience in developing applications using **Waterfall, Agile** methodologies with Test Driven Development (TDD)
* Extensive experience on modern front-end frameworks of JavaScript library **Bootstrap**, **jQuery**, **Angular**
* Worked with **MongoDB** as No SQL database to store and retrieve the data with CRUD operation
* Experienced using the deployment tool like **Docker image**, **Docker Containers** and **Kubernetes**
* Implemented Cloud Solutions using different **AWS** Services such as **EC2, Glacier, AWS Kinesis, Lambda, Cloud Formation, Code Pipeline, Code Build, Data Pipeline, Elastic Beanstalk, DynamoDB**
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins**, **AWS, Kubernetes** when a new GitHub branch gets started, automatically attempts to build a new Docker container from it
* Designed and implemented micro services API for web/mobile front end and back end edge point, worked with Microsoft **Azure** cloud for that
* Experience on working in Cloud Services of **Azure** like **Virtual Machines, Azure Storage, Backup, Site Recovery, Virtual Network, VPN Gateway, Load Balancer, SQL Database, Office 365.**
* Good experience with Apache **Kafka,** Apache **Spark** for real-time data streaming and message handling
* Experienced in using **Kafka** producers, consumers, and processed data in order to move to other sources
* Good knowledge of various tools in **Hadoop** such as **Pig**, **Hive**, **HDFS**, **MapReduce**, **Kafka**, and **Zookeeper**

**TECHANICAL SKILLS:**

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| --- | --- |
| **Web Technologies** | HTML, XML, CSS, JavaScript, JSON |
| **Java** | Spring Boot, Spring MVC, Hibernate, Servlets, JDBC, Apache Camel |
| **JavaScript Technologies** | React, Angular, jQuery |
| **Database** | Oracle, MongoDB, MySQL, MS SQL |
| **Operating System** | Windows, Linux, Unix, Mac OS |
| **IDE Tool** | Eclipse, IntelliJ, Maven, STS, Notepad++, Brackets, NetBeans, Visual Studio, VS Code |
| **Build Tool** | Gradle, Maven, Jenkins, CI/CD pipleline, Docker, Kubernetes |
| **Cloud** | AWS, IBM, Azure |
| **Repositories** | GIT, SVN, Bitbucket |
| **Web Server** | Apache Tomcat, AWS, Apache Camel |
| **Web Services** | SOAP, RESTful |
| **Testing Tool** | Junit, Karma, Jasmine, Mockito |

**PROFESSIONAL EXPERIENCE:**

**Sinai Hospital of Baltimore February 2020 – Present**

**Sr. Java Developer| Baltimore, Maryland**

Responsibilities:

* Extensively worked with **Spring Framework** to develop back end web applications
* Created java base project using **Jenkins** and **Maven**
* Involved in designing user interfaces through **HTML**, **CSS**, **JavaScript**, and **XML**
* Designed and developed web pages using tools like **HTML5**, **CSS3**, **Bootstrap**, **jQuery**, **React Native**, **Redux**, **React Promises**
* Tested Single Page Applications (SPA) using **React Router** from JavaScript library, which provides decent quality of routing compatibilities to SPAs that are built in **React**
* Worked with **React** to develop the web application to bind data which is being recovered from a **database** via services in the controller and also worked with **React** router to develop SPAs
* Performed coding in **Spring MVC**, **React**, **JavaScript**, **jQuery**, **HTML**, **CSS**, **Node**, and **JSO**
* Developed **Spring boot** based microservices for implementation of web-based application and later migrated the application on **AWS** container in order to protect it from crashing and for security reasons
* Designed and developed user interfaces by **Spring Framework** and **JSP** by using business logic and import dependencies through Spring Framework
* Experience in developing Restful API using **Spring Boot**, and testing **APIs** with Postman
* Using **Hibernate** to access and update information in the database using **XML** files
* Configured **Hibernate** mapping file which instruct the hibernate on how to map classes to the database
* Developed web services which allow communication using **REST** and **SOAP** web services with execution of **REST API’s** by using Spring Boot with embedded **Tomcat** server
* Used Apache Camel in order to integrate application using **HTTP**
* Strongly worked with **Spring boot** to create **RESTful** **Microservices** and deploy them on **AWS** cloud
* Worked with **Spring Boot** majorly for development of back-end web application precisely
* Developed web pages using **jQuery**, **Node**, **React** and **JSON** to parse data on front-end
* Involved in **Analysis**, **Design**, **Development**, and **Production** stages of the application
* Worked on **No SQL database** like **MongoDB** to save and get data with high performance
* Proficiently worked with **Git** as Source Version control management system with **GitHub** repository
* Worked with **Node** Package Management for managing JavaScript packages
* Worked with **Java8** features to develop the code like **Lambda expressions**, creating resource classes, fetching documents from the database
* Implemented testing tool such as **Jasmine**, **Karma** for unit testing from client side
* Deployed Continuous Integration (CI) and Continuous Delivery (CD) pipeline using **GitHub**, **AWS**, **Jenkins**
* Worked with Jenkins under the CI/CD pipelines providing continuous improvement to agile software development teams
* Built CI/CD systems using Jenkins on **Kubernetes** environment, used **Docker Containers** and **Kubernetes** on the runtime environment for CI/CD to test, build and deploy
* Experience working with container-based deployments using **Docker**, working with **Docker images**, **Docker Hub** and **Docker-registries**
* Used **Kubernetes** as deployment tools to deploy the application quickly through docker container
* Worked with real-time streaming using **AWS Kinesis** and event driven design using **AWS Lambda**
* Worked on Audit and Logging using **AWS CloudWatch** and **CloudTrail**
* Design, build, secure and manage clusters/workloads running on self-managed **Amazon EKS (Amazon Kubernetes Service), Amazon ECS and AWS Fargate**, also Implemented **AWS Kinesis** for Click streams producing and consuming events
* Designed **Kafka** to read and write messages along with handling real-time data and Executed **Kafka** as messaging system along with design in **Kafka** cluster
* Used **Kafka** to build real-time streaming data pipelines by using producers, brokers, and consumers
* Published and retrieved records using producer and consumer API in spring boot using Apache **Kafka**
* Worked with consumer logs and monitored them using **Kafka** Manger
* Developed Apache **Kafka** for streaming server-side events and used metrics collection mechanism for the server

**UAB Hospital September 2018 – December 2019**

**Java Developer| Birmingham, Alabama**

Responsibilities:

* Extensively worked on back-end side of the application which includes **Spring boot**, with several layers of the application like **entity**, **model**, **DAO**, **repository**, **Controller**, **Service**, **Business** and **Persistence**
* Worked on developing and building UI using **HTML, CSS, and JavaScript, Angular, jQuery** with back-end
* Worked in agile environment for **Warehouse management system (WMS)** using Java technologies in order to track the products in the system such as dashboard
* Involved in code review and continuous improvement of **WMS** standard code quality
* Using **Angular** created services to consume **REST API’s** along with communicating between two components through **Dependency injection**
* Actively participated in **Object Oriented Analysis** design based on **MVC** architecture in **Spring Framework**
* Worked with building **RESTful API’s** using spring for JSON requests and responses
* Developed Rest based **Scala** service to pull data from Elastic Search
* Developed **Microservices** based on Rest web services using HTTP framework in **Scala** in order to handle high concurrency and high volume of traffic on the server
* Implemented an Enterprise Service Bus (ESB) application using **Spring**, **Hibernate**, **Apache Camel**
* Deployed the applications on Apache **Tomcat**, and **proxy webserver**
* Designed and developed a project on client side using **Agile – Scrum and waterfall methodology** with active participation in weekly status meetings and daily standups
* Implemented **WMS** modules such as **Creating resource, giving resource permission to users, order life cycle, catalog management, pipeline config., and devices**
* Developed Test cases using **Junit** and **Mockito** for **Spring MVC**, **Maven**, **MySQL**, **Log4j**
* Developed simple **CRUD** oriented web application using **Hibernate** with Spring annotation which uses **MySQL** database for retrieving the record from the database
* Designed CRUD REST application using **Node** that will build JSON files
* Developed UI using **HTML** and **JavaScript (Angular)** to reduce the complexness of the application
* Created reusable UI elements with **Angular** and **jQuery** that can be use in any applications
* Worked with **Bootstrap** library to create UI and used **Angular** framework to associate HTML elements
* Developed **XML** supported RESTful web service using **JAXB** - used to map java classes to XML file
* Worked with **Apache Camel** to create customized routes and Spring XML
* Loaded, stored and get data using **Hibernate** using session.load () or session.get () or other load methods
* Worked with **Microservices** by using **Node** and NoSQL database like **MongoDB**
* Installation of **NoSQL** **MongoDB** on physical machines, Virtual machines as well as **Azure** cloud
* Build and maintain code repositories and code migrations using CI/CD strategies (GIT, Jenkins)
* Worked **Kubernetes** for Microsoft Architecture in order to build CI/CD pipeline
* Worked with container-based deployment using **Docker**, working with **Docker images**, **Docker hub** and Docker registries, installation, and configuring **Kubernetes** and clustering them
* Designed and developer 3 tier web app and hosted it in **Azure**. Used **Web API, Azure SQL Database, Azure active directory, and Azure websites.**
* Worked on writing custom bundle and configure Prefix Machine to receive images from the simulator and then upload them to **Microsoft cloud services such as Azure IoT Hib, Azure Evert Hub.** **Azure Blob Storage** and eventually to Predix Timeseries service
* Created clusters in **Azure** cloud and mange the cluster using **Kubernetes**. Using **Jenkins** to deploy code to Azure cloud, creating docker images and pushing them to container registry of Azure
* Worked with implementation of version control software **GIT** repositories
* Designed and built system to gather data from multiple portals using **Kafka** and process it using **Spark**
* Designed and Developed Custom Connector Software in Java to fetch data from third-party security applications using RESTful webservices, storing in **Kafka** Message Queues and performing analytics for streaming data in real time using Apache **Spark**
* Configured **Kafka** to handle real time data along with reading and writing message from external programs
* Designed and developed MapReduce to process the coming data in file formats such as XML, JSON, CSV
* Worked on building data pipelined by developing Kafka Producers and **Spark** streaming application for consuming purpose
* Worked on developing end to end data processing pipeline which start with getting data using distributed messaging systems Kafka through persistence of data into **HBase**
* Worked with **Spark** streaming to receive real time data from the Kafka and store the stream data to HDFS

**MicroNet IT Firm August 2016 – November 2018**

**Java Developer| Akron, Ohio**

Responsibilities:

* Extensive use of **Core Java** concepts like **Multithreading**, **OOPS concepts**, **Collections Framework**
* Team lead in **designing** and **developing** web module, User Interface for the applications and using **J2ME**
* Developed mobile application by using **J2ME** platform and using API for that mobile for **J2ME** platform
* Responsible for **analysis**, **designing**, and **developing** along with maintaining test cases for web applications
* Designed Applications using **MVC** and **Spring Boot** and later migration on the Docker
* Applied **MVC** framework along with **Hibernate** in order to design application from server side
* Involved in web designing using **HTML**, **CSS**, **jQuery**, and **JavaScript library** such as **Angular**, **Bootstrap**
* worked with **Angular** features like forms, DOM, events, expressions, controllers, filters, HTTP requests
* Used **Angular** modules, and created **reusable Components**, **Pipes** and **services**
* Worked with **reactive forms** of **Angular** in order to perform form validations
* Designed software using **HTTP** and **TCP/IP protocols** and **windows sockets** using C#
* Involved in building **RESTful** web service to transmit the data in **JSON** format
* Experienced working with Front-end frameworks like **Angular**, **Node** and other **RESTful** services
* Involved in messages to send and receive data using Restful and SOAP
* Worked with **Servlets**, **JDBC**, **Hibernate** and **Spring** to build application logic
* Developed UI using JavaScript UI libraries such as **Angular Bootstrap UI** and **jQuery UI**
* Worked on implementation of **Angular** application which follow **MVC** pattern
* Developed Java **Oracle** database web application to process the order for customers
* Developed **J2EE** application to manage transaction reports for **Oracle**
* Used **Node** to build client and server-side application API to improve speed along with quality of the code
* Used **JDBC** to retrieve data from MySQL database by writing various queries for CRUD operation
* Performed unit testing **Jasmine** for JavaScript testing and **Karma** for run the test
* Monitored **Hadoop** scripts that takes the input from **HDFS** and load the data into **Hive**
* Worked with **Hadoop** **MapReduce programming** that uses MapReduce application and **Hbase**
* Used **Hadoop/HDFS** commands, written **Java MapReduce programs**, verified managed, and reviewed **Hadoop Log Files**
* Worked with **Cloudera Manager** in order to monitor and manage **Hadoop cluster**

**F1 Motors March 2012 – September 2014**

**Software Developer | Surat, India**

Responsibilities:

* Extensively experienced in developing program using core java concepts such as **Java Collections API, Generics, Garbage Collection, Multithreading, Inheritance, Abstraction, Polymorphism**
* Created Front-end applications using **HTML**, **CSS**, **JavaScript**, **jQuery**, **microservice** and **Bootstrap**
* Constructed **Java** component using IDE
* Proficiently worked on Designing, Developing, Coding, Unit Testing and Debugging
* Worked as primary web designer for web development, and site management for the client
* Developed all phases of the website including Graphic, interactive features and animated websites
* Experience in debugging, fixing maintenance issue for application using tools like **JavaScript**, **HTML**, **CSS**
* Team lead in designing and developing web modules for the application
* Worked on writing **HTML**, **CSS**, and **JavaScript** to validate UI on given design for getting website and web applications built in the team
* Responsible for leading the team to handle page design, photo layouts, proofreading, editing, graphic design, and maintenance of style for client’s website
* Designed images, icons, logos that are used across the website using Adobe Photoshop
* Worked with **SVN** version control and used **STS** IDE to develop application
* Responsible for designing **Web services** framework to support the product
* Worked Junit for unit testing and **log4j** to get log files for debugging the application for issues/exceptions