**Manohar D**

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**Java full stack developer**

**PROFESSIONAL SUMMARY:**

* 11 years of experience in Full Stack Application Development Experience in developing business and enterprise applications using Java, **J2EE** based technologies and maintaining web-based applications using **Java (JDK 1.8, 1.7, 1.6**), **J2EE**, JSP **Servlets**, **JavaBeans**, JSTL, JDBC, **Hibernate**, Restful **Web Services** and Spring Frame Work, Spring boot, **Microservices.**
* Web Development, designing User Interface (UI) applications and professional web applications using HTML, **HTML5**, XHTML, **CSS** 2/**CSS 3**, **JavaScript**, **jQuery**, AJAX, **JSON,** DOM, **Angular 11/12, React, Redux, Node.js, Ext** **JS**, **Karma, Jasmine, Twitter Bootstrap, XML** and **Java**/**J2EE** Technologies with experience in the software development life cycle.
* Extensive knowledge in developing **Single Page Applications (SPAs**) using various **JavaScript** frameworks like Backbone, **ReactJS**, and **Ext JS**.
* Experience in developing applications using N tier open-source frameworks such as Spring MVC (Model View Controller), Spring Web Flow.
* Using **Kotlin** for implementing new modules in the applications.
* Proficient in using **Terraform** for infrastructure provisioning and management. Strong problem-solving abilities and a track record of delivering high-quality code. Seeking opportunities to leverage Java and **Terraform** skills to contribute to innovative projects.
* Experience in using **React JS** components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Good Experience in **React JS** for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native
* Collaborated with a team of developers to implement new features in an auto finance management system, utilizing Java, Spring Boot, and **AngularJS**.
* Experience working knowledge in **UNIX** and **LINUX** shell environments using command line utilities.
* Experienced container-based based deployments using **Dockers** and with Docker images, and Docker hub and Docker registries and **Kubernetes.**
* Developed and maintained Java-based applications for **Oracle** Insurance Policy Administration (OIPA) platform.
* Good experience in implementing MVC architecture Web Framework Spring 3.0, spring 4.2.0 (Dependency Injection, Data Access Objects, MVC Framework, and Spring Web Flow).
* Participated in all aspects of **Software Development Life Cycle** (**SDLC**) and Production support troubleshooting, Software testing using Standard Test Tool.
* Having knowledge on **Kotlin**  Android extension framework.
* Involved in Requirements gathering, Analysis, Design, Development, and Testing applicationsion developed using **AGILE** **Scrum** methodology.
* Good experience in defining the XML schemas and in working with XML parsers to read and validate the data held in XML documents.
* Good experience in programming, deploying, configuring, and fine-tuning middle-tier popular **J2EE** Application Servers like open-source **Apache** Tomcat, **JBOSS**, **Web** **Logic**, **IBM** **Web** **Sphere** and **WAS**.
* Expert in coding using **Core Java** concepts like Multithreading, Collections, Serialization, Synchronization, Exception Handling and Database connections.
* Have experience in UI development using the **HTML5**, **CSS 3**, Java Script, **Angular** 10/11/12, React JS, Node JS Server, **jQuery**, **JSON,** **Bootstrap**, **AJAX** and XSLT.
* Good knowledge on the spring modules like spring, Spring IOC, Spring MVC, Spring Web flow, Spring AOP and Spring DAO, Spring Boot, Spring Core and Spring Security.
* Have knowledge about Scala and alternative JVM application development environments like Java and **Kotlin**

**TECHNICAL SKILLS:**

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| **Languages:** | Java (JDK1.6, JDK1.7, JDK1.8), J2EE, **SQL**, PL/**SQL** |
| **Server-Side Programming:** | J2EE, Java, Servlets, JSP, JSTL, EJB, JDBC, XML, XSL, XSLT, DTD, XQuery, UML, MVC, PHP, JSF, Spring, MVC, Spring AOP, SpringIOC, Spring Core, Spring Boot, Spring Security, Java Threads, Swings, Kotlin, Java11 |
| **Client-Side Programming:** | HTML/HTML5, **CSS** 2/**CSS** 3, JavaScript, Bootstrap, AJAX, jQuery, **JSON,** Angular 10/11/1  2, React JS, ECMAScript, XML, XSLT, ASP.NET. |
| **Database Language:** | **Oracle, DB2, MySQL, MS** Access, MS **SQL** Server, AWS , No**SQL** Mongo DB, Cassandra, **Terraform** |
| **Design Methodologies:** | Agile/Scrum, SDLC, OOAD, TDD, Waterfall, UML |
| **Frameworks:** | Spring 3.0/4.1(CORE, MVC, AOP, IOC, ORM, 0CONTEXT, DAO), iBATIS 2.0, Hibernate 3.0/4.0, 2.1, and 3.0, EJB 3. |
| **Web & Application Servers:** | Web Logic, Web Sphere, IBM WebSphere, Tomcat, JBoss |
| **Web Services / Messaging:** | RS, JMS, **JSON** , SOAP, Web Services, Apache Axis, UDDI, WSDL, RESTful API. |
| **IDEs:** | Eclipse, Net Beans, Intellij, Notepad++ |
| **Operating System:** | Windows, UNIX, Linux Solaris, AIX |
| **Java Design Patterns:** | MVC, Singleton, Front Controller Factory, Abstract Factory, Front Controller, Iterator, Interface, Proxy, DAO, Service Locator, Kotlin |
| **Version Control:** | Git, SVN |
| **Tools:** | Ant, Maven, log4j, TestNG, JUnit, Rally, Jasmine, JIRA. |

**PROFESSIONAL EXPERIENCE:  
  
Client: Doordash Oct 2022 to Present   
Role: Full Stack Developer**,**USA**  
**Responsibilities:**

* Web application development using **Angular** with cutting-edge **HTML5** and **CSS 3**.
* Experience in developing components in **Angular** with TypeScript 2.4 and used **Angular** 4.0 to build a single page application.
* Designed and implemented various OIPA components, such as policy screens, calculations, rules, and workflows using Java and OIPA configuration tools.
* Worked through cross-browser compatibility issues with layout and styles for all new **CSS** that was implemented.
* Hands-on experience in developing Java applications using the **Spark** framework.
* Created **Terraform** modules for reusable infrastructure components, enhancing infrastructure management efficiency.
* Integrated OIPA with external systems and services using Java-based APIs and **Web Services** (**RESTful/SOAP**).
* Proficiency in creating Spark transformations and actions using Scala, **Python**, and R.
* Experience in developing Spark-based Big Data applications.
* Proficient in building **microservices** and standalone applications using Spring Boot framework.
* Knowledge of distributed computing principles and tools, such as Hadoop and **Apache** Spark.
* Understanding of the Spark architecture and its components, such as HDFS, YARN, and Mesos
* Ability to optimize Spark jobs for better performance.
* Migrated on premise applications to **AWS**  cloud using **AWS services** such as **EC2**, S3, RDS, Lambda, and Dynamo DB.
* Developed a mobile application using **Kotlin** and Android SDK, providing users with real-time weather forecasts and personalized recommendations.
* Built a Java-based API for integrating with third-party auto insurance providers, enabling customers to purchase insurance seamlessly within the auto finance platform.
* Experience with related technologies such as **Apache** Hive, **Apache** Pig, and **Apache** **Kafka**
* Knowledge of data pipelines, streaming processes, and batch processes.
* Experience with **NoSQL** databases such as **Cassandra**, **MongoDB**, and HBase.
* Expertise in database query optimization and database performance tuning.
* Implemented continuous integration and continuous deployment (**CI/CD**) pipelines using **Jenkins** and Git.
* Worked closely with the Oracle Insurance Policy Administration vendor to understand product updates, patches, and new features, and implemented them in the system.
* Written with object-oriented **Python**, Flask, **SQL**, Beautiful Soup, httplib2, Jinja2, HTML/**CSS** , Bootstrap, **jQuery**, **Linux**, **Sublime** Text, and **git**.
* Designed, developed, and maintained enterprise-level Java applications using Spring framework anwell-designed ORM.
* Developed and maintained **Kotlin** -based libraries, contributing to the **Kotlin** community and showcasing a deep understanding of the language.
* Actively involved setting up production support environment in **AWS**  using **Kubernetes.**
* Writing well designed, testable efficient code on Java11.
* Worked on the **Kotlin** for building the backend components and API resources, experience working on **JSON** API for creating multiple API’s.
* Worked on Enforcement and Case Management Modules In order to maintain the transactions and Case History.
* Experience in using **AWS** Elastic Beanstalk and CloudFormation for deploying and managing infrastructure on **AWS.**
* Optimized a Java-based payment processing system, resulting in faster payment processing times and improved reliability.
* Developed backend **Web Services** using **Node JS** server and stored dependencies using NPM.
* Involved in conducting technical reviews with business users and documents system requirements.
* Wrote Script for AJAX implementations in the website and created components, used **jQuery** for client-side form validations and used **JSON** for creating objects in **Java script**.
* Developed and deployed applications using **CI/CD** pipeline.
* Supporting developer and applying technical skills **Apache**/Confluent **Kafka**, Big Data technologies.
* Design recommends best approach suited for data movement from different sources to HDFS using **Apache**/Confluent **Kafka**.
* Provide expertise and hands on experience on custom connectors using the **Kafka** core concepts and API.
* Working knowledge on **Kafka** Rest proxy.
* Used Amazon **Web Services** (**AWS)** services such as **EC2**, RDS and Elastic Bean Stalk for configuration, deployments and testing and used Amazon lambda function for trigger based on different sources. Used Docker for deploying the application.
* Managed local deployment in **Kubernetes,** creating local cluster and deploying application containers.
* Used ELK (Elastic Search, Log stash, Kibana) for log Analytics, security purposes and to analyze the data available.
* Defined the architecture, using Google Cloud Platform and **MongoDB**.
* Designed and developed various modules of the application with **J2EE** design architecture and frameworks like Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
* Implemented **Core Java** multithreading, collections and exception handling and used generics.

**Environment:** Java, Agile, JDBC, J2EE, JSP, Kotlin, JavaBeans, Hibernate, EJB, Spring Core, Spring AOP, Angular 4, Bootstrap, HTML5, CSS 3, Node JS server, XML, SQL, DB2, MySQL, JUnit, CSS , GIT, **JSON** , Log4j, STS, Web Services, JAX-WS, JAX-RS, **Hibernate**, **Kubernetes** and EKS.

**Client: PG&E June 2018 to Sep 2022**

**Role: Sr. Java Developer,USA**

**Responsibilities:**

* Web application development using **Angular** with cutting edge **HTML5** and **CSS 3**.
* Experience in developing components in **Angular** with Type Script 1.5 and used **Angular** 10/11/12 to build a single page application. Experience working on **Kafka** implementation for distributing the data between IOT devices.
* Worked through cross browser compatibility issues with layout and styles for all new **CSS** that was implemented.
* Designed and built **microservices** using Java8, **AWS**  and React-Redux which provides interface for users to upload, view and publish the media content.
* Consumed REST based **Microservices** with Rest template based on Restful APIs.
* Extensive experience and designing and developing SPA applications and integrating with **Microservices**
* Utilized **Terraform** to automate the provisioning and configuration of infrastructure resources in **AWS,** ensuring scalability and high availability.
* Involved in production support, assigning production issues and enhancement.
* Used Front End Developing UI Interface using JSP/Tiles, **JSTL**, **HTML** **CSS,** **SASS**, **JavaScript**, Ajax and **jQuery**.
* Involved in conducting technical reviews with business users and documents system requirements.
* We need to pick our own spike stories and update the status in Rally.
* Used **Angular** to develop client-side applications using **JavaScript** in a clean **Model View Controller** (**MVC**) way.
* Collaborated with DevOps team to implement **CI/CD** pipelines using **Jenkins** and GitLab, integrating **Terraform** deployment processes.
* Used **Angular** Routing for navigation between nested **HTML** views in the application and created **Angular** custom directives that were used along with HTML elements for DOM manipulation.
* Wrote Script for AJAX implementations in the website and created components, used **jQuery** for client-side form validations and used **JSON** for creating objects in **Java** **script**.
* Defined new validations through **Angular** for the form field validation implemented through **HTML5**.
* Used **Node.js** as a server-side scripting technology in order to get and set the http requests and responses.
* Used **jQuery** widgets such as a date picker, combo box, numeric text and rich text editor.
* Involved in developing the Controller framework using Annotated REST based spring controller.
* Architected, designed and implemented a SPA (Single Page Application) in **Angular** which consume **JSON** from a Spring MVC, using Spring Security to secure the Application.
* Optimized the design using patterns like DAO, Factory, Singleton, Service Locator and Business Delegate.
* Design recommends best approach suited for data movement from different sources to HDFS using **Apache**/Confluent **Kafka**
* Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database.
* Implemented the authentication, authorization, and access-control features using Spring Security.
* Involved in writing **SQL** scripts and creating backend database table for complex business operations. Participated in consuming web-services using SOAP that allowed integrating the business application with the legacy applications and facilitates for future applications.
* Developed queues using **AWS**  SQS with **RabbitMQ** for services to subscribe and listen events. Implemented logic to listen and to subscribe events.
* Responsible for deploying the app to Google App Engine.
* Configured **Jenkins** and integrated it with Chef to schedule jobs on all the bootstrapped nodes.
* Involved in designing various stages of migrating data from RDBMS to Cassandra.
* Installing, configuring, and monitoring **Apache** Cassandra Prod, Dev and Test clusters.
* Designed and developed SPA applications and integrating with Micro services developed using spring boot framework.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including IE6.

**Environment:** Java, Agile, JDBC, J2EE, JSP, Servlets, JavaBeans, Hibernate, EJB, Spring Core, Spring AOP, Spring Security, Kafka, Angular, Bootstrap, HTML5, CSS 3, Node JS server, Backbone Js, XML, SQL, PL/SQL, DB2, MySQL, Web Logic, JUnit, CSS, GIT, RAD **JSON,** Log4j, STS, Web Services, JAX-WS, JAX-RS, NoSQL, Apache CXF, Jersey.

**Client: Outfront Media Jan 2018 to May 2018  
Role: Java Developer, USA**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, development, testing and Maintenance phases of R&D redesign.
* Involved in the design of the applications using **J2EE** using **Model/View/Controller (MVC**) design pattern.
* Implemented Data Access Objects (DAO), Value Objects, Java Beans and Singleton design patterns.
* Created Servlets and Java Server pages, which route submittals to the appropriate Enterprise Java Bean (EJB) components and render retrieved information.
* Developed **User Interface (UI)** module using JSP, Servlets, **AngularJS**, and **JavaScript**.
* Used agile methodology to develop and maintain the project.
* Developed **Java Server Pages (JSP)** for the front end and Servlets for handling **HTTP** requests.
* Involved in using **Core Java** concepts - Collections, Exception Handling, Multi-Threading, and Serialization.
* Involved in implementing logging, exception handling and transaction management using spring AOP.
* Involved in **ORM** mappings for associations, Inheritance & fetching strategy, performing CRUD operations and managing second level cache using Hibernate. Deploying the **microservices** on **AWS**  cloud with **DeVops** tools.
* Implemented Mule ESB java-based enterprise bus and Integration platform to connect applications quickly and easily which enables them to exchange the data through JMS.
* Tested SOAP **Web Services** using SOAP UI and REST **Web Services** using REST Client.
* Used Oracle **SQL** developer and Toad for the writing queries or procedures in **SQL**.
* Written **SQL** queries & **PL/SQL** Stored procedures, functions, triggers, cursors, sequences, and indexes.
* Used **Angular**JS library for creation of powerful and interactive dynamic Webpages and web applications by using its advanced and cross browser functionality.
* Application backend implemented as **Node.js** express application server.
* Configured and deployed Application on **Apache** **Tomcat** Application Server.
* Used Log4J for extensible logging, debugging and error tracing.
* Involved in Production Support and Maintenance.
* Used **GitHub** version control system as a source repository to organize the code base.
* Developed code using IntelliJ for integrated development environment.
* Used **Junit** testing framework for unit level testing.
* Installed, deployed and upgraded **AWS**  **Cloud based servers** and services in accordance with project guidelines.
* Developed user interface by using the **React JS** for SPA development.
* Developed UI using **Angular**JS, HTML, **JavaScript** and developed Business Logic and Interfacing components using Business Objects, XML, and JDBC.
* **AWS**  kinesis streams, AWS step functions pipelines **AWS**  kinesis streams, Google tensor flow, AWS step functions (**AWS , EKS**).
* Implemented **React JS** code to handle cross browser compatibility issues in **Mozella**, IE 7, 8, 9, Safari and FF.
* Called the Restful **Web Services** calls for POST, PUT, DELETE and GET methods.
* Design, develop and test **HTML5**, **CSS 3**, Bootstrap, **JavaScript**, **jQuery** and **React.JS** that meets accessibility and web browser standards for website
* Worked on **React JS** Virtual Dom and React views, rendering using components which contains additional components called custom **HTML tags**.
* Used **React JS** for templating for faster compilation and developing reusable components

**Environment:**  Java, Core Java, J2EE, Spring MVC, Hibernate, JSP, AngularJS, HTML 5, CSS , Servlets, XML, XSD, XSLT, Web-Services, **JSON** , Bootstrap, SOAP UI, JUNIT, HTML, CSS , JavaScript, Node.js, IntelliJ IDEA, Tomcat, Oracle 11g, Oracle SQL developer, Jenkins , Log4J, UNIX.

**Client: Peri Software Solutions July 2014- Oct 2017**

**Role: Java Developer, India**

**Responsibilities:**

* Involved in the analysis & design of the application using Rational Rose.
* Developed the various action classes to handle the requests and responses.
* Designed and created Java Objects, JSP pages, JSF, JavaBeans and Servlets to achieve various business functionalities and created validation methods using **JavaScript** and Backing Beans.
* Involved in writing client-side validations using **JavaScript**, **CSS** .
* Involved in the design of the Referential Data Service module to interface with various databases using **JDBC**.
* Used Hibernate framework to persist the employee work hours to the database.
* Developed classes and interface with underlying **Web Services** layer.
* Prepared documentation and participated in preparing user's manual for the application.
* Prepared Use Cases, Business Process Models and Data flow diagrams, User Interface models.
* Gathered & analyzed requirements for EAuto, designed process flow diagrams.
* Defined business processes related to the project and provided technical direction to development workgroup.
* Analyzed the legacy and the Financial Data Warehouse.
* Participated in Data base design sessions, Database normalization meetings.
* Managed Change Request Management and Defect Management.
* Managed **UAT** testing and developed test strategies, test plans, reviewed **QA** test plans for appropriate test coverage.
* Involved in Developing JSP's, action classes, form beans, response beans, EJB's.
* Extensively used XML to code configuration files.
* Developed **PL/SQL** stored procedures, triggers.
* Performed functional, integration, system and validation testing.

**Environment:** Java, J2EE, JSP, JCL, DB2, SQL, PL/DSQL, Eclipse, Oracle, Windows XP, HTML, CSS , JavaScript, and XML.

**Client: Elite Software Solutions June 2011– June 2014  
Role: Jr.Java Developer, India**

**Responsibilities**

* Developed and designed new cross-browser accessible interfaces using **jQuery** and **JavaScript**. Involved in writing JSPs, **JavaScript** and Servlets to generate dynamic web pages and web content. Used WebLogic for deployment of applications.
* Participated in design and development as a **Core Java** and **J2EE** Software developer. Understanding business and software requirement plus utilizing technology to enunciate data flow between front end and back-end technologies.
* Implemented **J2EE** standards, MVC architecture using Spring Framework and extensively used **Core Java** such as multi-threading, exceptions, and collections.
* Extensive experience of developing Representational state transfer (REST) based services and Simple Object Access Protocol (SOAP) based services.
* Implemented the Hibernate framework (ORM) to interact with database.
* Deployed GUI code to WebLogic application environment and standalone components to **JBoss Server**.

**Environment**: Java, J2EE, JSP, JCL, DB2, SQL, PL/DSQL, Eclipse, Oracle, Windows XP, HTML, CSS, JavaScript, XML.