**Manish Chandra**

**Java Developer**

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| **PROFESSIONAL SUMMARY** |

* Around **8 years** of experience in Software Development Life Cycle (SDLC) and Software Engineering including requirement gathering, analyzing, designing, implementing, testing, support, and maintenance of client-server applications.
* Expertise in building web and enterprise applications in domains including Healthcare, Insurance and Telecommunications
* Expertise in implementing **Web Services based on Service Oriented Architecture (SOA) using SOAP, Restful Web Services**.
* Strong in **Java/J2EE** design patterns and other object-oriented concepts (**OOPS**).
* Developed **ANT Scripts** and used **MAVEN** tool to build and deploy **J2EE Applications.**
* Designed and developed multiple **J2EE Model 2 MVC** based Web Application using **J2EE** Technologies and popular open-source framework Struts Framework, Spring **MVC, Spring Framework, Spring Boot, Hibernate ORM Framework**.
* Creating Rich UI applications using **Angular 2/4/6** integrating with **REST API's** built on **Microservices**
* Experience in the developing professional web applications using **HTML5, CSS3, JavaScript, jQuery, Bootstrap, AJAX, JSON, XHTML, XML and Node.js**
* Experience in Server-side messaging using camel and JMS and development experience at server-side using technologies **EJB, Web Services, XML, Oracle, and MySQL Server.**
* Hands on experience in developing Single Page Applications (**SPA**) using **AngularJS**
* Expert knowledge of **JavaScript** frameworks such as **Angularjs**, Media Query and libraries like **BackboneJS**.
* Experienced in developing persistence layer using **O/R Mapping tool like JPA, Hibernate, Spring-JPA** and **MyBatis**
* Working on creating a distributed network by hosting the application on **AWS cloud, Amazon (ECS, EC2, ECR, Lambda, VPC, and S3) servers.**
* Installed, Configured and Managed **Docker** **Containers**, **Docker Images** for Web Servers and Applications servers such as **ApacheTomcat** using Docker and integrated with **Amazon MySQL RDS database**
* Experience in working with automation tools like selenium and continuous integration tool Jenkins.
* Experience in Configuration and deployment of multi-tier applications using servers like **WebSphere, WebLogic, and Tomcat.**
* Handled all the port mapping/binding things that happen with Dockers and Containers.
* Solid Hands-on experience in end to end implementation of CI and CD (Continuous Delivery), DevOps processes using **AWS Code Commit AW**
* Experience in Enterprise Integration Development tools like **MuleESB**, **Spring Integration,** **JMS, WebServices, Apache Kafka** and **Apache Camel**
* Experience in processing semi-structured and unstructured datasets.
* Actively participated in daily scrum meetings, sprint planning sessions, sprint reviews, and retrospectives.
* Experience with Test Driven Development(**TDD**), paired programming and refactoring code
* Strong independent learning ability, team player, easily adaptable to different development environments, collaborative, highly motivated and dedicated to delivering quality software

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| **Technical Skills** |

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| **Languages/Platforms** | Java 11, Java v1.8, JSP, J2EE, SQL, DHTML, JavaScript, Python |
| **Framework/Libraries** | Spring, iBatis, MyBatis, Struts, Hibernate, Log4j, JBOSS, Spring Boot, Microsevices |
| **WebTechnologies** | JSP, Servlets, AngularJs,Angular2/4/6/8, jQuery, React.JS, Node.JS, EJB, RxJs, Hibernate, Struts, Spring, JDBC, HTML5, DHTML and XML, CSS3, Web Services |
| **IDE/Tools** | IntelliJ IDEA 2018.2.3 (Ultimate Edition) STS (Spring Test Suite), Eclipse v3.5, TOAD v7.5, WSAD v5.0 |
| **Messaging** | JMS, Apache Camel, ActiveMQ, Kafka |
| **SOA/ WebServices** | RESTful, SOAP |
| **Database** | Oracle, MySQL, PostgreSQL, DynamoDB, Couchbase, Cassandra, MongoDB, PL/SQL |
| **Testing** | JUnit, Selenium |
| **Project build tools** | Ant, Maven, Hudson, Fusion, Jenkins, OneOps |
| **App Server/Web server** | WebLogic v7.0, WebSphere v5.0, JBoss, Tomcat v5.5 |
| **Cloud Services** | Amazon (EC2, S3, RDS, Lambda, SQS, IAM, CloudWatch, EBS), Docker, Ansible, Kubernetes, and Azure |

**Professional Experience**

**FullStack Java Developer**

**Hewlett Packard Enterprise, Fort Collins, CO Jan 2020 to Till Date**

**Responsibilities:**

* Designs, enhancements, updates, and programming changes for portions and sub-systems, including operating systems, compliers, databases, and Internet-related tools.
* Analyzes design and determines coding, programming, and integration activities based on general objectives and overall architecture of product or solution
* Reduced the null pointer dereferences in all the files other than the test files to ensure the defects are reduced in the Coverity scans.
* Designed and developed **RESTful web services** that support **JSON** for other developers to access to speed up development using **Spring MVC , Spring Boot , SwaggerAPI, WebServices, JSON, Log4j, MySQL**and**Maven**
* Develop UI component architecture for developer framework using **Angular8, Typescript, HTML5, CSS3** and **Bootstrap**
* Worked simultaneously in both production and development teams and took part in designing and developing dynamic web pages using HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery, Angular 8 for single page applications
* Converted a monolithic app to **microservices** architecture using **Spring Boot** using 12-factor app methodology
* Designed and developed asynchronous **RESTful Microservices** using **Spring boot, Couchbase** and **RXJava**
* Consumed RESTFUL web services using Angular HTTP Module and transformed the response using RXJS operators
* Build and configure a virtual data center in the **Amazon Web Services (AWS)** cloud to support Enterprise Data, Virtual Private Cloud (**VPC**), Public and Private Subnets, Elastic Load Balancer.
* Implemented AWS solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups**
* Worked within the **SFDC** to ensure which case content fields can be modified
* Set up and get the selenium up and running for UI pages and also integrate these selenium tests, so that the tests are run automatically
* Developed automation scripting in **Python** (core) to deploy and manage Java applications across **Linux servers**
* Worked on the JSON validation for the case submission on the client side to validate all the required fields in the **postgresql** database
* Implemented server-side validations and developed model classes
* Configured **Kafka** to read and write messages from external programs and also to handle real-time data
* Design, perform POC where needed and develop enterprise’s **Apache Kafka** Distributed Messaging and Integration Ecosystem
* Written test cases and performed unit testing using Junit
* Used **Log4J** for logging, debugging, monitoring the error logs and fixed the related problems.
* Worked in a CI/CD environment with **Jenkins, Maven, AWS and Terraform**
* Created and modified Stored Procedures, Functions and **Triggers Complex SQL** Commands for the application using **PL/SQL**
* Experience working in **agile** development following **SCRUM** process, sprint, and daily standup meetings.

**Environment:** **Java11, AWS, Python, Angular 8, JavaScript, HTML, CSS, RxJs, RxJava, Kafka, SpringBoot, Spring Batch, Microservices, NoSQL, PostgreSQL, CouchBase, MongoBD, Cassandra, Jenkins, Maven, Terraform, Docker, Ansible, Kubernetes, Selenium, JUnit, rally, Scrum**

**Fullstack Java Developer,**

**Health Net, Los Angeles, CA Jan 2019 to Dec 2019**

**Responsibilities**

* Responsible for Design, build, test and maintain scalable and stable off the shelf applications or custom built technology solutions to meet business needs
* Contributed to entire implementation process for new applications and enhancements to existing applications
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by **Angular 6**.
* Involved in writing the front-end code for the application using Angularjs.
* Implemented the presentation layer (**GUI**), based on open source framework, involving Servlets, JSP, JSTL, JSF, CSS3, HTML5, JavaScript and GWT.
* Used jQuery, Angular JS, and Node JS to develop the rich user interface and to invoke RESTful Web Services to perform various operations.
* Used Maven for developing build scripts and deploying the application into **WebLogic**.
* Performed backend operations using Hibernate and native SQL on various databases.
* Developed single page applications using **Angular 4/6, Typescript, HTML5, CSS3, and Bootstrap.**
* Developed user specific Highlights (dashboard menu) section, Home Page, Admin home page, user module using **Spring framework, MyBatis, Hibernate ORM module, Spring Core Module, XML, JSP,** and **XSLT.**
* Worked on Web Services using **Java API for XML, JSON Services (JAX\_RS)** and worked on the build, deploying RESTful web services.
* Developed stored procedures and triggers using **PL/SQL** to calculate and update the tables to implement business logic using **Oracle database**.
* Used Kafka messaging system to consume and publish message
* Deployed containers and Microservices in AWS using EC2 Container Services. Designed, configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Implemented the Account Management microservice that used Spring Data to implement a JPA and Spring Rest to provide a Restful Interface based on Spring Boot application.
* Wrote several Playbooks and created various roles for applications using Ansible and deployed the Applications/Services on the client hosts.
* Controlled and automated application deployments and updates using Kubernetes
* Deploy and configure daily iterative builds of JavaEE applications into Tomcat server environments for multiple feature deployment teams
* Worked with modules like MongoDB and mongoose for database persistence using Node JS to interact with MongoDB
* Deploy and configure SQLServer test database with test data
* Used several Ansible modules which include scripting (bash, command), cloud modules,
* Conduct rootcause analysis and complex performance tuning; develop test automatio framework utilizing Selenium, Typescript, and Protractor.
* Build the application using Maven and used Jenkins for continuous integration.
* Followed AGILE Methodology with SCRUM Meetings and involved in maintaining Sprint backlogs during the development cycles

**Environment: Java 8.0, REST, Spring, AWS, AWS lambda, Struts, JSF, EJB, jQuery, AJAX, Bootstrap, JSON, IBM Websphere Application Server 7.x, Spring Boot, MuleESB, Kafka, Docker, Ansible, Kubernetes, Confluence, Angular4/6, SQL Server, MongoDB, Selenium, TypeScript, Protractor, UM L, JSP, JIRA, Jenkins, Microservices, Agile, Git, and JUnit.**

**Fullstack Java Developer**

**Pacific Life Insurance, Newport Beach, CA Feb 2016 - Dec 2018**

**Responsibilities:**

* Developed the application under Core Java, J2EE Architecture using REST, JBoss, Node.js, backbone.js, EXT JS, spring, Struts, Hibernate, Servlets, Web logic, Swing, Agile, Eclipse, Jenkins, and JSP
* Participated in the complete software development lifecycle tasks (design, coding, testing, and documentation).
* Designed and Developed UI for Customer Service Modules and Reports using Angular2.0, HTML, CSS, Bootstrap, JavaScript, and jQuery Created web application prototype using JavaScript and AngularJS.
* Implemented nested views and routing using Angular UI Router as per the requirement. GUI was developed using JSP, HTML, and AngularJS and created reusable components in Angular2/4 using Custom Directives Filters, Services, and Partials.
* Developed views using Bootstrap components, Angular-UI and involved in configuring routing for various modules using angular UI router.
* Customized Restful Web Service using Spring RESTful API, sending JSON format data packets between front-end and middle-tier controller.
* Design and develop Microservices, J-Unit test cases, mock creation and fix defects.
* Developed the backend tier using Spring Boot framework providing Dependency management.
* Developed API to Integrate with Amazon EC2 cloud-based architecture in AWS, including creating machine Images.
* Used Spring Core Annotations for Dependency Injection (DI) Spring DI and Spring MVC for REST API s and Spring Boot for microservices.
* Developed the application using Spring MVC intensively that leverages classical MVC architecture and JavaScript for major data entry that involved an extreme level of data validation at the client side.
* Developed REST API's using Spring MVC and spring boot, hosted all microservices on Pivotal Cloud Foundry (PCF).
* Implemented continuous deployment system with Jenkins, AWS: Code Deploy, Ops Works, and Packer for deployment of Java Applications.
* Integrated Ansible to manage all existing servers and automate the build/configurations of new Servers
* Used Junit and Mockito framework for unit testing of application and Log4j 1.2 to capture the log that includes runtime exceptions
* Responsible for preparing the use cases and for designing and developing object models, class diagrams with UML Specifications.
* Developed unit test cases using Jasmine and Karma as unit test runner for various application modules.

**Environment**: **Java, HTML5, Angular 2/4, jQuery, JavaScript, Spring Batch, Node.js, Bootstrap, Spring 4.0, Apache 7.0, Camel, log4j, Hibernate, Maven, Spring Boot, Rest web services, Docker, Ansible, AWS, Microservices, maven, Jasmine, Karma, jQuery, JIRA, Eclipse Kepler, XML, MySQL.**

**Sr. Java/J2EE Application Developer**

**TracFone Wireless, Miami,FL Jan 2015 - Jan 2016**

**Responsibilities:**

* Involved in software development life cycle (SDLC), which includes requirement-gathering, design, coding, testing.
* Developed Project Specific Java API's for the new requirements with the Effective usage of Data Structures, Algorithms, and Core Java, OOPS concepts.
* Developed web service for web store components using RESTful API using Java & Spring.
* Developing web-based applications using CSS, HTML, JavaScript, jQuery, UML
* Experience in Object Oriented design, Systems Analysis, Software &Web Application development.
* Developed business modules using Hibernate & Spring framework technologies.
* Responsible for analysis, design, development, and integration of backend components using J2EE technologies such as Spring and Spring JDBC and EJB's.
* Developed Project Specific Java API's for the new requirements with the Effective usage of Data Structures, Algorithms, and Core Java, OOPS concepts.
* Developed web service for web store components using RESTful API.
* Used XML, XSD and JSON messages for Data transfer, and JMS for communication between the applications and MQ for communicating with the third party applications
* Implemented Business logic in the middle-tier using Java classes, Java beans.
* Created and modified Complex SQL Commands.
* Database designing and tables, master data creation in the database.
* Good in writing build files with ANT, Maven.
* Used Sonar for maintaining the code quality and JUnit code coverage.
* Writing complex SQL queries, using object-relational mapping libraries (iBATIS/Hibernate/Toplink) and MVC frameworks (Spring MVC/Struts 2) as well as building and consuming SOAP and REST services

**Environment**: **JDK1.6, J2EE, JDBC, Servlets, Spring, Spring MVC 4.1.5, Spring JDBC, EJB3.0, XML, Hibernate ORM, HTML5, Apache Camel, JBoss Studio, JBoss Server, SVN, Maven, JUnit,Windows OS, Log4j, JIRA, SQL, ANT, JMS, MQ.**

**Java Developer**

**WNS Global, INDIA May 2013 - Dec 2014**

**Responsibilities:**

* Involved in the requirement gathering, analysis, design, development, and testing phases of Software Development Lifecycle.
* Created configuration files for Spring, Hibernate.
* Involved in developing code for obtaining bean references in Spring framework using Dependency Injection (DI) and Inversion of Control (IOC).
* Worked on Spring Security framework for login authentication, password hashing.
* Used Spring framework for implementing Spring Security, AOP, Spring ORM, Spring MVC.
* Configured Hibernate mapping files and configuration file to achieve persistence with RDBMS.
* Developed Graphical User Interfaces using UI frameworks and Webpages using HTML and JSP for user interaction.
* Used Web services - WSDL and SOAP for getting required information from third party.
* Written Oracle Stored Procedures and Functions for the application

**Environment: Core Java, spring, Hibernate, SOAP, SQL (DB2), Design Patterns, Eclipse IDE, JIRA**

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| **Education:** |

* Bachelor of Technology in Computer Science and Engineering.

Gitam’s University, Hyderabad, India, 2013