**Deepika Devulapally**

Java Developer

**Professional Summary:**

* 6+ years of IT experience in design, development, testing, maintenance and documenting of various web-based applications using Java/ J2EE.
* Strong hands on experience in developing the Enterprise and Web applications in n-tier architecture using various open source frameworks: Java/Java EE, Servlets, JSP, Struts, Spring Framework, Spring MVC, Spring AOP, Spring Security, Spring Boot, web services (REST/SOAP).
* Highly proficient in developing front-end web pages using HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Angular 2.0, Angular 4, Angular 6, React.
* Expertise in developing Single Page Applications using Angular JS concepts like Custom Directives, Filters, Bindings and Services.
* Extensive knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like Angular, React, Angular JS.
* Experience in working with Angular modules, services, templates, directives, services and dependency injection to create a SPA.
* Expertise in developing SOA (Service Oriented Architecture) and Web Services based on REST, SOAP, WSDL, UDDI, JAX-WS, and JAXB.
* Excellent knowledge in interacting with databases using JDBC and hibernate.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like Spring MVC and Spring Boot.
* Build Spring Boot microservices for the delivery of software products across the enterprise.
* Experience in Oracle and SQL Server including SQL, PL/SQL and Stored Procedures.
* Have experience with using Atlassian tools such as JIRA, Bitbucket, Bamboo and confluence.
* Experience in development methodologies like Agile – Scrum and Waterfall model.
* Good experience on working with Amazon Web Services like Elastic Compute Cloud (EC2), Simple Storage Services (S3), Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, IAM and Dynamo DB.
* Experience in Integration of Amazon Web Services AWS with other applications infrastructure.
* Experience on AWS Deploying and managing continuous delivery systems and methodologies on AWS.
* Having good knowledge in NOSQL data bases like Dynamo DB, Cassandra. Setting up and administering DNS system in AWS cloud using Route53.
* Well Experienced in deploying and configuring applications onto application servers like Websphere and Apache Tomcat on UNIX and Windows platforms.
* Expertise in using IDEs like, Spring Tool Suite, Webstorm, RAD, Eclipse and NetBeans.
* Experience in various Configuration Management tools like GIT, SVN and CVS along with build and continuous integration tools like Jenkins.
* Experience with unit testing with Junit in Java and with Jasmine framework in Angular JS.
* Experience in end to end automation using Protractor with Cucumber framework.
* Having hands on experience in writing bash scripts to automate the deployment process in windows machines
* Having hands on experience in using all the spring modules like AOP, IOC, MVC, REST TEMPLATE AND JDBC TEMPLATE
* Having hands on experience in deploying applications on Linux machines.
* Good communication, inter-personal, analytical and organizational skills with ability to address, analyze and resolve diverse and complex issues, expertise in problem solving and trouble-shooting ability

**TECHNICAL SKILLS:**

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| **Java Technology** | J2EE (Servlets, JSP, JDBC, EJB, JNDI, JSTL, JSON, POJO, JMS, JSF, JPA), Struts, Spring Core and MVC, Hibernate, Web services. |
| **Web Technology** | HTML5, CSS3, XHTML, XML, XSLT, RHTML, JavaScript, AJAX, jQuery, JSON, MySQL, Bootstrap, AngularJS, NodeJS, ReactJS, Angular 6 |
| **Scripting languages** | Unix shell script, JavaScript. |
| **App/Web Servers** | Web logic, Tomcat, Web Sphere, JBOSS, SSL, Glassfish |
| **Databases** | Oracle 12c/11g/10g/9i/8i, Microsoft SQL Server 2012, DB2, PostgreSQL, Mongo DB. |
| **Testing Tools** | Junit, Selenium, Jasmine and karma. |
| **Cloud Computing** | Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, AWS Identity and access management, AWS CloudWatch, Amazon EBS, Amazon Dynamo DB, Amazon Cloud Watch, Amazon Lambda. |
| **NoSQL Database** | PostgreSQL and Dynamo DB |
| **IDES** | Eclipse, NetBeans, RAD and IntelliJ. |
| **Messaging Technologies** | JMS and IBM MQ |
| **Version control Tool** | GIT, SVN and CVS. |
| **Build Tools** | ANT, Maven, Gradle. |
| **Deployment Tools** | IBM UrbanCode Deploy, AWS |
| **Other Tools** | AutoSys Tool, Kanban tool |
| **Operating System** | Windows (98/2000/XP/7/8), Linux, Ubuntu. |

**Professional Experience:**

**Client: Fannie Mae, Maryland Feb 2019 - Till Date**

**Role: Java Developer**

**Responsibilities:**

* Implementing the phases of Software Development Life Cycle (SDLC) including analysis, design, development, and testing of the project.
* Design and develop web application using Core Java, Java/J2EE technologies (JSP, Servlets), Java Frameworks (Spring, Hibernate), SQL, HTML, CSS, JavaScript (AJAX, jQuery), Oracle Database.
* Responsible for an effective data modeling by developing logical and physical data models to support the business requirements.
* Also responsible for defining the data structures and establishing logical relationships among them.
* Designing and developing new features to the application by connecting to back-end databases using Hibernate and generating results to web browsers.
* Design and develop the User Interface using JSP, HTML5, CSS3, JavaScript, jQuery, Angular JS and Ajax.
* Develop code modules and libraries in support of microservice development with Spring Boot.
* Developing microservices using Java Spring Boot, Hibernate, Restful services with good quality of code.
* Creating RFP microservice to provide restful API utilizing spring boot with microservices.
* Designed and developed microservices business components and restful service endpoints using Spring Boot.
* Wrote client-Side code using React JS and used NPM and gulp directories to generate the server environments used flux with redux framework to manage targeted URL’s and to monitor the application.
* Used React JS to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests, etc.
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Angular 6 and Node JS.
* Enhanced application performance by Angular 6 Component based development in view of future Angular framework transitions.
* Implemented Angular Router to enable navigation from one view to the next as customer performs application tasks.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Implement Data Access Object (DAO) pattern to connect to the database and retrieve data.
* Write PL/SQL programming including complex SQL queries using stored procedures, functions and cursors in Oracle, MySQL Server.
* Develop RESTful and SOAP Web Services to handle user requests and interact with application components.
* Implementing the code as per coding standards, building the application using Ant/Maven tools, finally deploying the application to server using CI/CD tools like Jenkins.
* Develop test cases using JUnit framework and performs Unit testing for the developed application.
* Installed, configured and administered Jenkins CI tool on AWS instances.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Involved in application migration to the AWS cloud.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Built an Application and deployed microservices in the AWS Cloud using Docker containers.
* Wrote Angular.Js frontend, which queried a custom Elasticsearch server for search terms, and hosted everything on an AWS instance with Docker containers.
* Experience on Amazon IAM service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM and also involved in developing the Web services using AXIS2 framework.
* Involved in writing SQL stored procedures on Oracle and PostgreSQL.
* Implemented NoSQL database AWS service such as DynamoDB to handle operational tasks, document type and for fast performance.
* Implement Log4j API for logging and debugging. Contributes development support for other team members in debugging and fixing production issues.
* Involves attending agile scrum ceremonies such as daily stand ups, sprint planning to know or update about ongoing activities in project and to coordinate with team members to resolve issues.

**Environment:** Java 1.8, JSP, HTML, Spring Boot, Microservices, Restful, SOAP, React, CSS, Maven, Jenkins, JavaScript, Angular 6, AJAX, Log4j, JavaScript, JSON, jQuery, XML, JUnit, Eclipse, ACTICO Modeler, Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, AWS Identity and access management, AWS CloudWatch, Amazon EBS, Amazon Dynamo DB, Amazon Cloud Watch, Amazon Lambda, PostgreSQL9, Toad DB tool, Oracle DB, My SQL Server, SVN.

**Client: The Travelers Indemnity Company, Hartford, CT Oct 2018 – Feb 2019**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in requirements gathering and analysis from the existing system.
* Ability to work with JAVA and J2EE applications using Agile software development life cycle process.
* Maintained constant communication with Business Analyst and Business Users to identify the user stories and the technical feasibility.
* Designed and implemented the application using Spring Boot, Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions, and Spring JDBC.
* Built microservices with spring boot to serve multiple applications across the organization. The data are provided & consumed in JSON.
* Created RFP (Request for Proposal) microservice to provide RESTful API utilizing Spring Boot with Spring MVC.
* Develop strategy for integrating internal security model into new projects with Spring Security and Spring Boot.
* Develop various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and React Redux library.
* Worked on EJBs for implementing backend functionalities.
* Made enhancements to web application by adding additional functionalities using Hibernate, JSP, JavaScript, JDBC and SQL.
* Developed web applications using Rational Application Developer (RAD), JBoss Developer Studio, IntelliJ, Eclipse.
* Used React-Router to change the application into a single page application.
* Designed Frontend within Object Oriented JavaScript Framework like React Js.
* Updated the application with new features of Angular 4.
* Moved existing AngularJS controllers and services to Angular 2 components for more responsive and less dependency.
* Worked on some of the new features of Angular 4 like new if else syntax, ng-templates, form validators.
* Worked on migrating an application developed in Angular 4.0 to Angular 6.0.
* Involved in design, development of Restful and SOAP web services.
* Deployed applications on JBoss and IBM WebSphere liberty application servers.
* Installed application on AWS EC2 instances and configured the storage on S3 buckets.
* Performed integration of Amazon Web Services (AWS) with other applications infrastructure.
* Implemented AWS RDS for database configuration.
* Implemented AWS code pipeline for moving the code across different environments.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Ported the application's native application and database servers from WebSphere/Oracle to JBoss/PostgreSQL.
* Involved in preparing Ant builds scripts, deployments and integration and configuration management of the entire application modules.
* Used Ant/Maven for build framework and Jenkins for continuous build system.
* Involved in deploying the application in the IBM Urban Code Deploy tool.
* Involved in writing and executing SQL scripts using Oracle and Advanced Query Tool DB tools.
* Used Tortoise SVN for version management between various integration and development streams.
* Worked with production support team in debugging and fixing various production issues.
* Prepared high and low-level design documents for the business modules for future references and updates.
* Used Log4j for logging, tracing and debugging. Worked with logging tools like Graylog and Log Insight for tracing and debugging.

**Environment:** Java 1.7, Struts, EJB, JSP, HTML, Spring Boot, Microservices, Restful, SOAP, CSS, Maven, Jenkins, JavaScript, Angular 4/6, AJAX, React, WebSphere, JBoss, Log4j, JavaScript, JSON, jQuery, XML, Amazon EC2, Amazon S3, Amazon RDS, AWS Lambda, AWS Identity and access management, AWS CloudWatch, Amazon EBS, Amazon Dynamo DB, Amazon Cloud Watch, Amazon Lambda, PostgreSQL, JUnit, Rational Application Developer (RAD), JBoss Developer Studio, IntelliJ, Eclipse.

**Client: Capital Blue Cross, PA Jan 2018 – Oct 2018**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Designed use cases for the Application as per the business requirements.
* Participated in requirement gathering and framework implementation sessions through Agile methodology.
* Designed use cases, sequence and class diagrams, activities, states, objects and components. Used UML (MS Visio) for software design.
* Developing presentation layer with JSPs, HTML5, JavaScript, CSS3, Bootstrap, jQuery, JSON, AJAX, AngularJS, Spring Form tags, JSTL Tags.
* Developed AngularJS functionality in the application to provide two-way binding to the system.
* Developed services using HTTP module to communicate with backend node services and also various form components such as data driven forms and Template driven forms using Angular Forms Modules
* Used React.js for developing UI using sorting, pagination and rendering for searching the statements in the webpage.
* Used Bootstrap &media queries to create Responsive Webpages across the different size of screen from phone or Laptop.
* Used AJAX to handle asynchronous requests & in suggestive search and to display dialog boxes.
* Implemented Spring Boot at back end which helps to develop application with ease.
* Implemented Restful web services using spring boot.
* Created Maven builds to build and deploy Spring Boot microservices to internal enterprise Docker registry.
* Implemented a microservice architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka endpoints.
* Involved in design and implementation of MVC architecture in different modules.
* Integrated Spring and Hibernate to develop the business layer which serves the data required for JSF beans.
* Wrote the DAO's to access the database using JDBC calls and created aspects using Spring AOP annotation approach.
* Used Hibernate, object/relational-mapping (ORM) solution technique, to map data representation from MVC model and Oracle Relational Data Model with a SQL-based schema.
* Configured JDBC data sources and JMS connection factories in WebSphere.
* Developed SQL queries for retrieving data used to generate the reports.
* Developed Stored Procedures and Triggers on Oracle Database.
* Involved in the development of PL/SQL backend implementation and using SQL created Joins and complex statements.
* Designed and developed the application using Angular 2 framework along with HTML5, CSS3, Type Script, Java Script, Bootstrap, Node.js, NPM, Mongo DB.
* Created desktop application with Angular and Unit Test with Jasmine.
* Used various Angular 2 custom directives and developed reusable components and templates that can be re-used at various places in the application.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 2.
* Developed single page applications using Angular, Typescript, web pack and grunt.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA and used Swagger to interact with API end points of the micro services.
* Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
* Exported SQL data in to ElasticSearch to allow much faster and scalable user searches from the database and integrated Java and Angular based application to Elastic Search tier via Spring 4 Restful Controllers communicating to a custom java utility wrapping the Jest API.
* Created Proof of concepts using MongoDB.
* Written variety of filter queries in MongoDB to retrieve JSON data and passed to service layer.
* Writing and retrieving files to and from AWS for UI to render data faster that involves complex and time-consuming server-side logic.
* Involved in the Performance Tuning of the Application on client side.
* Wrote notification service that executes daily, sends emails and escalations to participants.
* Developed project on Eclipse, Version Control with Git and Automated Build & Deployments using Gradle, puppet, nexus, and ANT scripts in Jenkins.
* Used JUnit to perform unit testing.

**Environment:** Java1.8, J2EE, Servlets, JSP 2.5, JUnit 4.1, Spring 2.5.6/3.0, Microservices, tags JSTL, Hibernate 3.0, Oracle11g, Eclipse IDE 3.7, Angular 2/4, Jasmine, Ajax, SOAP, PL/SQL, HTML 5, CSS, JSP, JQuery, JSON, React.js AngularJS, AWS, WebSphere.

**Client: PNC Bank -Pittsburgh, PA May 2017 – Dec 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Followed Agile Rational Unified Process throughout the lifecycle of the project.
* Involved in requirements analysis and gathering and converting them into technical specifications using UML diagrams: Use Case Model, Business Domain Model, Activity & Sequence Diagrams and State Diagrams.
* Responsible for designing and reviewing SOAP web services WSDL, their structure, data types and operations with Application architect team.
* Responsible for Web Services consuming and packaging using Axis.
* Applied Springs IOC Container to facilitate Dependency Injection.
* Involved in converting UI module into Single Page application using AngularJS along with Routing and Custom directives.
* Used Springs AOP to implement security, where cross cutting concerns were identified.
* Involved in designing and developing architectural structure for Hibernate Interceptors and Web Filters
* Implemented client side MVC framework using AngularJS, HTML5 and CSS3.
* Implemented dependency injection and two ways binding using AngularJS a MVC framework.
* Maintained CSS and HTML, XSL, XSLT, JAVA SCRIPT, JSF, AngularJS, Bootstrap for designing Webpages.
* Developed user interface by using the React.js, Redux for SPA development.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js
* Developed client-side Interface using React.js
* Used latest web technologies React.js, Redux, Babel, Node and Web-Pack to create a Single Page Applications.
* Developed Hibernate Mapping file(hbm.xml) fields for mapping declaration
* Responsible for designing front end system using JSP technology, HTML and JavaScript.
* Re-factored large code base to conform to best practices to spring design patterns.
* Involved in Managing Web Services and operations.
* Implemented SOA architecture with Web Services using SOAP, WSDL, UDDI and XML.
* Implemented Stored Procedures for the tables in the database DB2.
* Involved in designing reporting generating system from XML files using XML technology, JAXP.
* Involved in Developing and performing Mock Testing and Unit Testing using JUNIT and Easy Mock.
* Built project using Apache Maven build scripts.
* Involved in developing the core base Classes and designed the packaging needed for the project.

**Environment:** Java/J2EE, Microsoft Visio, WebSphere Application Server, HTML5, CSS3, Java Script, AngularJS, Bootstrap, Spring CXF, Spring MVC, IOC, React, Spring AOP, Apache Axis, Hibernate, JMS, RAD, DB2, Clear Case, JUnit, Easy Mock.

**Client: Komatsu, Milwaukee, WI Sep 2016 – May 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Responsible for Requirements gathering, Conceptual Design, Analysis, Detail Design, Development, System Testing, User Acceptance Testing, Data Validation, Version Controlling and arrangement.
* Design and created web application utilizing JSF, Spring Web Flow, spring and AJAX innovation.
* Wrote JavaScript's for approving the customer side client data in light of their business rules. Created cross-program good site utilizing HTML5, CSS3 and jQuery.
* Developed Custom label libraries for giving multi-lingual usefulness. Worked with HTML, DHTML, CSS, JAVASCRIPT, JSON in UI pages.
* Extensively Ajaxified the application utilizing Angular JS for parts and augmentation of the application fabricating speedier and better client encounter.
* Involved and Improved the single page application utilizing RESTful web administrations and AJAX.
* Developed responsive applications utilizing Bootstrap.js, Require.js and Node.JS, D3.JS which permitted a similar application to be upgraded for both versatile and desktop resolutions
* Have utilized DOJO toolbox to develop Ajax asks for and manufacture dynamic website pages utilizing JSP's, DHTML and java scripts.
* Implemented OAuth supplier and going with login view to permit merchants to login to the Mobile Back Office Ionic application.
* Designed and developed Service layer using Struts framework.
* Developed presentation layer using struts tag libraries such as HTML, Beans, etc. in JSP pages.
* Deigned webpage layout using struts tiles libraries and performed struts validations using Struts validation framework.
* Developed complex administration segments for Data Access Layer, DAO classes to cooperate with backend utilizing Java and Hibernate Framework.
* Designed and built up a proof of idea for executing the market hazard stage on NoSQL.
* Provided XML and JSON reaction arrangement to bolster different administration customers. Created and kept up mapping records and exchange control in Hibernate.
* Expertise in customer side outlining and approvals utilizing HTML, DOJO, CSS, JavaScript, JSP and Struts Tag Library.
* Actively required in utilizing Angular JS, Bootstrap and HTML5 to empower customer side information to meets particular criteria by applying different approval variable
* Created and dealt with all of facilitated or nearby vaults through GIT.
* Extensive experience utilizing backbone.js and EXT JS for making rich UI.
* Wrote Junit classes for the administrations and arranged documentation. Re-Run the iterative tests for any fixes and tuning.
* Responsible for investigating, testing, keeping up and conveying the application.

**Environment**: Java1.6, J2EE, JSP, JSTL, JQUERY, Spring Framework, Hibernate, XML, JavaScript, AngularJS, Struts, Bootstrap, Scala, Web services, SOAP, REST, WSDL, MicroServices, NOSQL, HTML, DHTML, XHTML.

**Client: Cognizant Technology Solutions, India. Sep 2013 – July 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in various SDLC phases like Design, Development and Testing.
* Developed front end using Java Script, JQuery, HTML5 and CSS3.
* Used various Core Java concepts such as OOPS, Exception Handling, Collection APIs to implement various features and enhancements.
* Developed server-side components for the application.
* Involved in coding, maintaining, and administering Servlets and JSP components to be deployed on a WebSphere application server.
* Worked with Complex SQL queries and Stored Procedures.
* Involved in developing spring web MVC frame work for application.
* Implemented the logging mechanism using log4j framework.
* Implemented Web-Services to integrate between different applications components using RESTful and implemented Java Web services based on SOA architecture with SOAP and WSDL.
* Wrote test cases in JUnit for unit testing of classes.
* Used Maven to build the J2EE application.
* Used RAD IDE for developing code modules in the development environment.

**Environment:** Java 1.6, CSS3, HTML5, Java Script, AngularJS, Spring Framework 3.0, Hibernate 3.5, Rad 7.5, WebSphere Application Server 7.0, Web Services, Oracle 11g Database.

**Client: Regnant Software Solution Pvt. Ltd, India March 2012 – April 2013**

**Role: Jr. Java Developer**

**Responsibilities:**

* Involved in analysis, design, testing phases and responsible for documenting functional and technical specifications
* Created user-friendly GUI interface and Web pages using HTML, CSS and JSP.
* Wrote JavaScript for client-side validation.
* Developed web application using JSP, Servlet, Struts2.x, Java beans that uses MVC design pattern.
* Used Eclipse as IDE tool for creating Servlet, JSP, and XML.
* Wrote SQL for JDBC prepared statements to retrieve the data from Oracle database.
* Monitored the logs using Log4J and fixed the problem.
* The application was deployed on the Apache Tomcat.
* Involved in build and deploying the application using ANT.
* Used CVS as version control system.
* Worked on bug fixing and Production Support.

**Environment**: Java, HTML, CSS, JavaScript, Servlet, JSP, AngularJS, Struts 2, Oracle, JDBC, Apache Tomcat, Log4J, Eclipse IDE, ANT, CVS.