**TEJA KOTAPROLU**

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469-364-4488

**JAVA DEVELOPER**

Skilled full stack developer building web applications and frameworks using deep expertise in Java technologies and SDLC principles. Proven ability to interpret user requirements and translate them into feasible technical specifications. Developed commercial, e-commerce, and automobile web applications, including back-end programming and database related tasks across platforms. Demonstrated track record of working on web application projects for international clients, participating throughout the development lifecycle for all requirements, coding, and testing. Implemented several applications using spring and Hibernate with HTTP and XML/JSON based web services for data exchange.

SUMMARY

* Diverse experience utilizing Java tools in business, Web, and client-server environments including Java Platform, Enterprise Edition (Java EE), Enterprise Java Bean (EJB), Java Server Pages (JSP), Java Servlets (including JNDI) and Java database Connectivity (JDBC) technologies.
* Fluid understanding of multiple programming languages, including C#, C, C++, JavaScript, HTML, and XML.
* Experience in Spring Framework such as Spring Boot, Spring MVC, Spring IOC (Inversion of control), and Spring JDBC and Spring AOP modules.
* Proficient in implementing the design patterns like Singleton, Front Controller, Factory Method, DAO (Data Access Object), DTO (Data Transfer Object), Business Delegate and Business Object.
* Experience in various development tools like Eclipse, NetBeans and IntelliJ.
* Experience in using XML/JSON payloads in Rest services.
* Extensively worked on implementing SOA (Service Oriented Architecture) using related Web services technologies and frame works: WSDL, SOAP, and Restful.
* Good experience in producing/consuming REST web services using JAX-RS API (Apache CXF, Jersey) and spring with REST API.
* Worked on projects 'NPO' and 'Tracker' which were based extensively on Angular 2/ Typescript domains.
* Experience in using J2EE Application Servers such as Apache Tomcat, WebLogic and JBoss.
* Experience in writing SQL Queries, PL/SQL Packages, Stored Procedures, and Functions.
* Experience in handling version control Systems tools like subversion GIT and SVN.
* Experience in use of build tools like Gradle, Maven and ANT scripts for build and deployment.
* Experience in developing test cases for Unit Testing using TestNG, JUnit, Integration and functional tests.
* Excellent Written, Verbal communication and interpersonal skills.
* Excellent team player with very good analytical and problem-solving skills.
* Excellent communications skills. Adept at building strong working relationships with coworkers and management.
* Proven background leading team in stressful, deadline-oriented environments.

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| **TECHNICAL SKILLS** |

Languages Java, C, C++, SQL and PL/SQL programming.

Web Technologies HTTP, HTML, DHTML, XML, Angular JS, CSS, JavaScript.

J2EE Technologies Servlets, JDBC, WebServices, REST, SOAP and JMS.

IDE's IntelliJ Idea, Eclipse, NetBeans.

Application/Web Servers WebLogic, Apache-Tomcat, JBoss.

Frame Work Hibernate, EJB, Spring Data, Spring Cloud, Spring Boot, Netflix Eureka.

Databases Oracle, PostgreSql, MS SQL, MySQL.

Operating Systems Windows, LINUX/UNIX

Others GIT, SVN, Gradle, Maven, ANT.

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| **EDUCATION** |

Bachelor’s in Computer Science from JNTU, Hyderabad, Telangana, India.

Master’s in Computer Science from UTRGV, Edinburg, USA

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| **PROFESSIONAL EXPERIENCE** |

**Client: QUESTAR, Apple Valley, MN October 2017­­­ – Till Date**

**Role: Java Developer**

**Responsibilities:**

* Developing updates to existing internal and external facing software to enhance the customer experience and provide development staff with easily maintainable code.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
* Develop and consume Rest Micro Services using Spring Boot.
* Implement authentication and authorization for micro services using SAML and JWT.
* Designed and Developed the UI components using JavaScript, Angular JS, CSS3 and HTML5.
* Working Knowledge on XML and JSON parsing using SAX and Jackson parser.
* Develop code with front-end developers to streamline and support online content authoring and publishing capability that is needed to feed new and innovative items to students across nation.
* Learn and ensure item and assessment publishing and delivery are QTI/APIP conformant
* Integrating various Rest API in existing platform.
* Developed single page applications using Angular 4 by creating Typescript reusable components and services to consume REST API’s using component-based architecture.
* Created REST client using rest template to call AWS Polly.
* Developed and configured gateway API’s for load balancing and routing.
* Experience in using Eureka Netflix and spring cloud.
* Used Jenkins for CICD.
* Experience with postgreSql.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Enhance current system to ensure backend scalability and front-end design integrity.
* Developing updates to existing features in student test taking platform to resolve issues on various OS, such as iOS, android, etc.
* Used code quality tools such as Sonarqube for every build and cast for every release.
* Write unit test cases by using TestNG and Mockito frameworks.
* Collaborate with Architects in best practices for code implementation with code reviews prior to deployment from the development environments.
* Work one-on-one and in small team groups to discuss and refine poorly performing code.
* Requirements gathering Analysis, Design, Business logic implementation and Unit testing, Deployment and Maintenance of the Application.
* Used Agile Methodology for developing the application.
* Collaborate with BA, QA, off-shore resources, and product owners to develop new enhancements and releases.
* Tracked issues using JIRA using confluence.

**Environment**: Java 8, Spring MVC, Hibernate, Spring Boot, Maven, Typescript, Angular JS, JavaScript, TestNG, PostgreSQL, Microservices, AWS, XML, Rest, GIT, Bitbucket, JIRA, IntelliJ Idea.

**Client: PRIME THERAPEUTICS, Eagan, MN October 2016 – September 2017**

**Role: Java Developer**

**Responsibilities:**

* Requirements gathering Analysis, Design, Business logic implementation and Unit testing, Deployment and Maintenance of the Application.
* Used Java 8 features like streams to process large collections.
* Designed and Developed the UI screens using JavaScript, Angular JS, CSS3 and HTML5.
* Implemented different validation control on the web-pages using Angular JS.
* Used MVC Framework Angular.js in the development for data binding and to consume web services.
* Business logic is implemented using Spring Core, Spring ORM, and Spring DAO modules.
* Used Design Patterns like Singleton, Business Delegate, Value Object, Session Façade, Service Locator, DAO, DTO and MVC.
* Data operations are performed using Spring ORM with Hibernate by using annotations, auto wiring and implement the Hibernate Template and criteria API for Querying database such as HQL and SQL.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Worked on SQL queries with Oracle SQL developer to select/insert/update/joins etc.
* Datacenter migration to Amazon Web Services (AWS) infrastructure and provided initial support to Applications and Database teams.
* Deployed Spring based Microservices using Docker and Amazon EC2 container using AWS admin console.
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure.
* Using WebLogic Application Server and Eclipse as IDE.
* Used GIT as Source Version control management system and worked on GITHUB repository.
* Testing is done through Test Driven Development (TDD) using JUnit.
* Provided application support during the system testing, Joint System testing and user acceptance testing.
* Used Agile Methodology for developing the application.
* Tracked issues using JIRA using confluence.

**Environment:** Java, J2EE, JSP, Spring MVC, Eclipse, Hibernate, Maven, Angular JS, JavaScript, JUnit, Oracle, Microservices, AWS, Web Logic, XML, Rest, GIT.

**Client: SiriusXM, Newyork, NY**

**Role: Java Developer July 2015 – August 2016**

**Responsibilities:**

* Understand functional requirements and developed SOAP-Web services in a Service Oriented Architecture (SOA) consisting of the integration tier with Web services external to organization, middle tier with Spring Application Framework.
* Analysis, Design and Implementation/translation of Business User requirements.
* Responsible for system analysis, design and development using J2EE architecture.
* Developed presentation layer using HTML, Angular JS, CSS and Java Script.
* Implemented a Single Page Web Applications (SPA) based front end for displaying user requests, user records history and security settings various users using JavaScript and Angular JS.
* Developed the application use cases using the open source framework such as spring and Hibernate.
* Integrated the Spring MVC framework with Hibernate framework.
* Application designed in multi-tiered J2EE design and coding utilizing Spring Inversion of Control (IOC) architecture and Hibernate.
* Created SQL queries, Stored procedures using PL/SQL for data modification (Using DML insert, update, delete) in Oracle.
* Implemented and configured the business objects of an application by using spring beans.
* Written mapping files for mapping java objects with columns in database tables.
* Developed Restful Web Services using JAX-RS which were exposed to other applications.
* Used AJAX to make asynchronous calls to the framework which formatted the request (basically JSON data) using the JSON to Java Transformer mechanism inbuilt into the framework.
* Write unit test cases by using JUnit framework to perform the unit testing.
* Used JBoss Server for application deployment in the clustered Linux environment.
* Implemented the debugging functionality in an application by using Apache Log4Jframework.

**Environment:** Java, J2EE, Servlets, JSP, XML, Json, JSTL, JavaScript, Angular JS, AJAX, MVC, Spring framework, Hibernate, Oracle, WebLogic, JUnit, Log4j, GIT.

**Client: Prolific Technologies , Hyderabad, India August 2013 – November 2014**

**Role: Jr. Java Developer**

**Responsibilities:**

* Involved in understanding the business requirements, development and testing of the product.
* Analyzed and modified existing code wherever required.
* Developed user interface using JSP, AJAX based design, HTML and JSP Tag libraries.
* Implemented AJAX classes for asynchronous communication between views and baking beans.
* Implemented functionality using MVC pattern with Struts and JSP.
* Developed and deployed Session Beans Configuration, Performance, Authentication and Authorization modules.
* SOAP Webservice is used for data transmission through web and tested with SOAP UI Webservice testing tool.
* Developed EJB’s for business logic and data access layer with JDBC.
* Implemented Tiles features to create presentation templates.
* Developed automated test tools using JUnit.
* Developed custom tags for building JSP pages based on settings in the database.
* Deployed application in WebLogic and tested in local environment.
* MS SQL Server is used as database server for retrieving database objects.
* Used CVS as version control to check-out and check-in of files.

**Environment:** Java, J2EE, Servlets, JSP, Struts, EJB, Eclipse, Hibernate, JavaScript, JUnit, MS SQL Server, WebLogic, XML, SOAP UI, XSLT, CVS.

**Client: Zytrix Labs, Hyderabad, India Jan 2011 – May 2013**

**Role: Jr. Java Developer**

**Responsibilities:**

* Involved in detail design developing use cases, use case diagrams, class diagrams, sequence diagrams and high-level activity diagrams using UML from the requirements.
* Involved in coming up with design of spring controller related classes (Controllers, Form Controllers, Handler Interceptors).
* Developed UI pages using JSP, HTML and CSS.
* WebLogic Application server administration part to configure database connection pooling, Data source and JMS configuration.
* Writing stateless session beans for search categories by name, account number, organization etc.
* Writing JDBC programming to persist the data in Oracle database.
* Implemented Log4j for the debug and error logging purpose.
* Used Junit for unit testing .

**Environment:** Java, J2EE, JSP, HTML, CSS, JDBC, SQL, PL/SQL, WebLogic Application Server, API, Oracle, Spring Framework, JUnit, SVN, Eclipse.