**Prathyush**

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**PROFESSIONAL SUMMARY:**

* Over 7 years of professional experience as **Java/J2EE Full Stack Developer** in software development which includes Analysis, Design and Development of Web-based applications.
* Extensive experience in developing Web-based front-end UI using **HTML5, CSS3, JavaScript, Bootstrap, JQuery, AJAX** and **JSON, Angular 4, JSP** based on the W3C standards.
* Expertise in design and development of multi-tier applications using **Java, J2EE, Spring 4, Hibernate ORM, XML, XSD, Web Services (REST & SOAP), jQuery, JUnit**.
* Hands on experience in building and deploying web Applications using different web/application servers such as **Web Logic, JBoss** and **Apache Tomcat 9.0.**
* Extensive usage of different IDEs like **Eclipse, IntelliJ, Spring Source Tool Suite (STS)** and **Visual Studio.**
* Proficient in **Java /J2EE** technologies like **JSP, Hibernate, Spring, Struts, Java Servlets, AJAX, Java Beans, JNDI, JMS, XML.**
* Extensive usage and good knowledge of Core Java concepts like **OOPS**, Exception Handling, Multithreading, Collections Framework, Serialization and Networking.
* Experienced in **Angular 4** Components, **AngularJS** Controllers, Directives, Modules, Factory and Service Resources, Routing and Events.
* Working experience in implementing UI components using ReactJS along with Redux Framework and JS with Strong experience in developing Redux forms with react life cycle.
* Experience in **OOAD** (Object Oriented Analysis and Design) techniques using UML.
* Hands on experience in generating class diagrams, sequence diagrams, state chart and other UML diagrams using IBM's Rational Rose tool
* Extensive Experience in using **MVC** (Model-View-Controller) architecture for developing applications.
* Working Experience in different modules of Spring Application Frameworks like **Spring MVC, Spring Core, Spring AOP, Spring ORM, Spring Boot, Spring JDBC, Spring IOC, Spring WS, Spring Cloud.**
* Ability in middleware service development using Spring Framework along with **Servlets**, **Spring Web MVC, Spring Security, Spring AOP** and **Web Services**.
* Created **Restful** Web services using JAX-RS, Hibernate framework.
* Expertise in generating and consuming JSON based **RESTful** web services with JWT security tokens using **JAX-RS** and **Spring REST API** and **SOAP** web services using **WSDL, SOAP JAX-WS** and **SOAP UI**.
* Experience in building a rich web application using **AJAX, JSON, jQuery, HTML5, CSS3, and JavaScript.**
* Experience in working with automation tools like **Selenium** and automation server like **Jenkins**.
* Implemented Performance Testing and build Test Suite using **Apache** **JMeter**.
* Developed **Microservices** with **Spring Boot** and Spring Batch along with the test cases and used the spring test's framework to create integration tests.
* Migrated applications from internal data center to **Amazon Web Services** (AWS) and encrypted data on server and client side
* Experience in writing **SQL** queries, **PL/SQL**, Functions, Stored Procedures and Triggers in databases like **MySQL**, **MS SQL Server** and **Oracle** and used **NoSQL** databases like **DynamoDB** and **MongoDB**
* Strong experience in developing data models using **Hibernate POJO**’s and configuring Hibernate persistence layer.
* Experience using core **Java API’s** to build multi-threaded server-side components for large-scale Web and standalone applications.
* Proficient in various Core Java concepts such as Threads, Exception Handling, Collections to implement various features and enhancements.
* Experience in version control and source code management tools like **Git, GitHub** and **SVN**.
* Expertise in Project management and build automation tools like **Apache Ant, Maven, Jenkins** and **Gradle Build Tool.**
* Highly flexible in quickly changing technical environments with strong organizational and logical skills and constantly anxious to learn new technologies, methods and tools.

**TECHNICAL SKILLS:**

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| --- | --- |
| Languages | C, Java, SQL, PL/SQL, Shell Scripting. |
| J2SE/J2EE Technologies | Core Java, Java Swing, J2EE, EJB, Servlets, JSP, JDBC, JMS, JSTL, JSF Web Services |
| Web Technologies | HTML, CSS, JavaScript, jQuery, React, Angular 2/4. JSP, JSTL, Servlets. |
| Web Services | SOAP (JAX-WS), WSDL, RESTful (JAX-RS), JSON, DOM. |
| UML Tools/Methodologies | IBM Rational Rose, StarUML, Visual Paradigm |
| Web/Application Servers | Apache Tomcat, WebLogic Server, WebSphere, JBoss and Glassfish. |
| Frameworks | Spring, Hibernate, Struts 2.0 |
| Spring Framework/ Modules | Spring Core, Spring AOP, IOC, Spring MVC, Spring Boot, Spring Security, Spring REST and Web services, Spring ORM, Spring JDBC |
| Testing | Junit, Apache JMeter, TestNG |
| IDE | Eclipse, IntelliJ, Visual Studio |
| Databases | Oracle, MySQL, PostgreSQL, Microsoft SQL Server, DynamoDB and MongoDB, IBM DB2. |
| Build Tools | Maven, Gradle, Ant and Jenkins |
| Version Control Tools | Bitbucket, Git and GitHub |
| Operating Systems | Windows, Linux and Mac OS |
| Cloud services | Amazon Web Services (AWS) |
| SDLC Methodologies | Agile, Waterfall |

**PROFESSIONAL EXPERIENCE**

**Nordstrom Technology, Seattle, WA Jan-2018 to Present**

**Sr. Java Full Stack Developer**

**Description:**

Nordstrom is an American based chain of departmental stores. Nordstrom, Inc. is a leading fashion retailer offering compelling clothing, shoes and accessories for men, women and children since 1901.

The company began as a shoe retailer and expanded its inventory to include clothing, accessories, handbags, jewelry, cosmetics, and fragrances.

**Responsibilities:**

* Ensuring that technical software development process is followed on the project, familiar with industry best practices for **Agile** software development.
* Involved in the complete software development life-cycle, including working with the production operations team to prepare and execute releases.
* Responsible to manipulate **HTML5, CSS3** in **jQuery** as well as making the pages dynamic using **AJAX, JSON** and **XML.**
* Designed and created a Single Page Application using **Angular 4** for front-end and **Web API** for back-end functionalities.
* Implemented the business layer using spring framework and achieved data persistence through **Hibernate** ORM framework.
* Developed entire application web-based client implementing **MVC** architecture using **Spring** framework.
* Strong experience in Spring Frameworks like **Spring MVC, IOC, AOP, JPA, Spring Boot, Spring Batch, Spring Security, Spring Cloud.**
* Developed REST architecture-based web services to facilitate communication between client and server.
* Developed all the UI pages using HTML5, DHTML, XSL/XSLT, XHTML, DOM, CSS3, JSON, JavaScript, Less, jQuery, ReactJS andAjax.
* Responsible in developing **Spring Boot Microservices** from scratch.
* Experience in working with databases like **PostgreSQL, Oracle, MySQL, PL/SQL** and **MS SQL Server** for creating tables, Stored Procedures and Functions.
* Hands on experience in working with **NoSQL** databases like **Cassandra** and **MongoDB**.
* Designed Unit Test Cases using **JUnit** and implemented Performance Testing using **Apache JMeter.**
* Hands on experience on working **Java 8** features like Lambda Expressions, Default methods and Type Annotations.
* Integrated spring and hibernate together and worked on developing backend components and services using Hibernate and spring.
* **Microservices** have been built using spring boot, spring security and deployed to **Amazon Web Services** (AWS) cloud.
* Designed Use Cases, class diagrams, sequence diagrams and deployment diagrams based on UML to enforce Rational Unified Process using **Rational Rose.**
* Worked in an **Acceptance Test Driven Development** (ATDD) environment which increases the efficiency in the development process.
* Hands on experience on Service Oriented Architecture by developing **Restful** Web services based on **JAX-RS**
* Expertise in working with **Amazon Web Services** (AWS) like **EC2** instances, Amazon **SNS.**
* Integrated **AWS DynamoDB** using **AWS Lambda** to store the values the items and backup the DynamoDB streams.
* Expertise on working with **Apache Kafka** for data replication for real time data processing.
* Experience in using Build Automation scripting like **MAVEN** and **Apache** **ANT** as build tools for building of deployable artifacts from source code.
* Used **Jenkins** with the methodologies like (CI) Continuous Integration and (CD) Continuous Delivery.
* Worked on creating the **Docker** containers and Docker consoles for managing the application life cycle.
* Utilized **Jira** Tool for issue and bug tracking and hands on experience on working with IDE’s like **Eclipse** and **IntelliJ**.
* Implemented server pages using **Apache Tomcat** as application server and **Apache** **Log4j** for application logging and debugging.
* Worked on the authentication in **Spring Boot**, for implementing security between front-end UI and back-end **SOA** services.
* Experience on working version control and configuration management tools like **Bitbucket** and **GitHub**.

**Environment:** Agile, Java 8, HTML5, CSS3, Java Script, Angular 4, Bootstrap 4,jQuery, AJAX, JSON, Spring MVC, Spring Boot, Spring Security, Spring Cloud, ReactJS, Microservices,Junit, Hibernate, PostgreSQL, Oracle MySQL, PL/SQL, Apache JMeter, Eclipse, IntelliJ, Apache Kafka, Tomcat 9.0, Maven, AWS Lambda, EC2, AWS DynamoDB, MongoDB, REST, JAX-RS, Log4j, Jenkins, Docker, Bitbucket, GitHub.

**Western Reserve Group, Wooster, OH Mar – 2017 to Nov-2017**

**Java Full Stack Developer**

**Description**:

Western Reserve group is an Independent Agency distribution system of insurance. It mainly focuses on developing insurance products that provide superior coverage in the event of loss to home, automobile, farm or business. It excels in all areas of service whether it is risk underwriting, premium processing or claims handling.

**Responsibilities:**

* Involved in design, analysis, development and testing phases of the software development (SDLC) lifecycle
* Implemented Agile (Scrum) Methodology to analyze, design and document the application
* Designed and Developed the application using **J2EE** architecture and **Spring MVC** Framework
* Participated in developing Web-based GUI's using **HTML5, CSS3 JavaScript** (and its frameworks like **JSON**), **jQuery**, **JSP** and **Ajax**.
* Developed applications on Spring Framework by utilizing its features like **Spring Dependency Injection, Spring Security, Spring Web flow** with Spring MVC.
* Performed Database development which involves creation of new tables**, PL/SQL** stored procedures, functions, views, indexes and constraints, triggers and required **SQL** integrating to reduce the response time in the application.
* Implemented ReactJS Flux architecture for uni-directional data flow & also used React routes for synchronizing UI and URL.
* Developed the Application using ReactJS and used NPM to manage dependencies and gulp to minify, reactify, babelify the code.
* Worked on Oracle database concepts such as locking, transactions, indexes, replication, schema design Web application backend RESTAPI utilizing Angular2,4,5,Node.js and Oracle.
* Extensively worked on **JSON** data format for asynchronous browser-server communication.
* Developed POJO classes to link the tables in the database using **JPA-Hibernate** Integration.
* Expertise in working with **MySQL, Oracle, Mongo DB,** and **Apache Cassandra**.
* Performed Unit testing using tools like **TestNG** and **JUnit.**
* Designed and developed the REST based Microservices using the Spring Boot.
* Worked on **Apache Kafka** for the reliable and asynchronous exchange of information between multiple business applications.
* Developed **RESTful** web services using **JAX-RS** and spring frameworks and persistence using Hibernate and JPA ORM frameworks.
* Implemented Restful Web Services using **Spring Boot** and used **AJAX** to provide an advanced user experience.
* Hands on experience in working with **Amazon Web Services (AWS)** like **EC2** and **Amazon SNS.**
* Utilized **Eclipse** IDE for developing code modules in the development environment.
* Developed Hibernate ORM mappings and annotations for data integrity among Oracle DB tables.
* Created Web Services like **SOAP** between different components and exposed few web services to client apps get metadata for the specific entities and documents.
* Implemented the **Maven** build Life-cycle to build and create WAR and dependency JARS.
* Implemented Core Java Methodologies like Interfaces, Collections, Customized Exceptions and Multi-Threading.
* Used **GitHub** for activities tracking Version Controlling and Change Management that is tracking structure of folders, maintaining global revision number for the whole repository and Clear Case operations.

**Environment**: Agile, Java 8/J2EE, JSP, HTML5, CSS3, JavaScript, Bootstrap 4, Angular 4, jQuery, AJAX, XML, XSLT, Eclipse,Maven, Spring Framework, Spring Web MVC, Spring AOP, Hibernate, ATDD, Oracle DB, SQL,PL/SQL,EC2, IBM Rational Rose, Microservices, Spring Boot, AWS, Amazon SNS, WebLogic, Jenkins, Apache Cassandra, SOAP, RESTful web services using JSON , Apache Kafka,Log4J,JUnit,GitHub.

**Celgene Corporation, Summit, NJ Jan- 2016 to F eb-2017**

**Java Full Stack Developer**

**Description:**

Celgene Corporation strives to deliver truly innovative and life-changing medicines to their patients. It is committed to conducting business based on integrity, ethics, sound decision making, respect for the environment and behaviors that reflect its corporate culture. The story of Celgene encompasses unexpected opportunities and the vision to transform those opportunities into progress.

**Responsibilities:**

* Implemented the Agile environment and participated in Analysis, Design, Coding and Testing.
* Developed the web interface using **HTML5, CSS3, JavaScript, jQuery, Angular 2,** and **Bootstrap.**
* Designed Java Components and integrated using Spring Framework with **Hibernate** Object/Relational persistence mechanism.
* Involved in writing Spring Configuration XML, a file that contains declarations and the business classes are wired-up to the front-end managed beans using **Spring IOC** pattern.
* Implemented the application using Spring IOC, **Spring MVC Framework**, and Spring Batch and handled the security using Spring Security.
* Established reusable utility classes in core java for validation which are used across all modules.
* Used **Web Services** for transmission of large blocks of XML data using **SOAP.**
* Implemented **Restful** Web Services to retrieve data from client side using **Microservices** architecture.
* Worked on creation of custom Docker container images, tagging, pushing images, integration of Springboot.
* Created the Docker containers and Docker consoles for managing the application life cycle.
* Sending requests and responses in Micro services through REST/HTTP.
* Worked on various Amazon Web Services like **RDS, Auto Scaling** and **Security Groups.**
* Used **AWS** deployment services to quickly set up a dynamic website and configured virtual servers.
* Designed and developed DAO layer with **Hibernate** standards, to access data from **SQL** Server.
* Developed the persistence layer using Hibernate Framework, created the **POJO** objects and mapped using Hibernate annotations and Transaction Management.
* Implemented service methods and SQL queries, **PL/SQL** to interact with the forms.
* Responsible for **Continuous Integration** (CI) and **Continuous Delivery** (CD) process implementation using **Jenkins** along with LINUX Shell scripts to automate routine jobs.
* Development carried out under **Spring Tool Suite** (STS) as IDE.
* Used **Maven** to define the dependencies and build the application and used **JUnit** for suite execution and assertions.
* Used **Jira** for bug tracking, issue tracking and project management.
* Used **Git** as source control management giving a huge speed advantage on centralized systems that must communicate with a server

**Environment:** Java 8/ J2EE, Spring IOC, Spring MVC, Spring Boot, Spring Batch, Spring Security,Spring Tool Suite HTM5, CSS3, Bootstrap 3, AWS, Angular 2, JSTL, jQuery, AJAX, Microservices, Hibernate, Restful API, SOA, JAX-RS, JSON, SQL, PL/SQL, Oracle, CI,CD, Jenkins, Jira, Maven, JUnit, Linux, Log4J, Git.

**Security Bank of Kansas City, Overland Park, KS Nov-2014 to Dec-2015**

**Java/J2EE Developer**

**Description:**

Security bank of Kansas City is a locally owned and operated banking system. It serves a long and rich tradition of providing superior financial services to their communities, combined with exceptional customer service. It is known for strong relationships with their communities. The bank believes in engaging with their customers both in person and online.

**Responsibilities:**

* Redesigning the existing web application with new technologies.
* Developed the functionalities using Agile Methodology and UI development with technologies like **HTML5, AngularJS** and **jQuery**.
* Design and development of the new technical flow. Daily client & on-site team interaction.
* Used **Spring MVC** on the web layer and business delegate and DAO on the business layer.
* Developed screens using **JSP, JavaScript, AJAX** as well as implemented **SOAP** to develop Web services using Apache Axis
* Performed Core Java development and support of **Java/J2EE** applications with emphasis on Object-based web forms, business logic, and database access components.
* Developed DAO for communicating with the database. Used **Hibernate** DAO support for performing queries and handled transactions using **Spring** annotations.
* Created logical and physical data models putting to practice, concepts of normalization and **RDBMS.**
* Used XML to configure mapping files and defined DTO for named queries.
* Used sprint support for **Restful web services** to communicate with the host machine for agreement forms.
* Focused on Test Driven Development thereby creating detailed **JUnit** tests for every single piece of functionality.
* Used **Maven** to acquire the dependencies and build the application. Used perforce as a version control system.
* Actively participated in scrum meetings and updating Rally Software regarding the tasks and time spent on each task.
* Deployed the application onto **WebLogic** application server and developed Functional Requirement Document based on user’s requirement.

**Environment**: Java 6/J2EE, Spring MVC, Spring ORM, Spring IOC, Spring Web Services, Hibernate, JSP, jQuery, AJAX, Oracle 10g, JUnit 4.8, Maven 3.0, JavaScript, HTML, CSS, REST, JavaScript Bootstrap, JMX,RDBMS, AngularJS, SQL, MongoDB, jQuery, Eclipse Juno,WebLogic.

**KTree Software Solutions, Hyderabad, IN Oct-2012 to Sep-2014 Java Web Developer**

**Description:** This is a robust SaaS solution for sales and marketers that transform vast amounts of data into forward-looking, actionable intelligence to drive faster, smarter, more sustainable growth. Its user-friendly platform delivers the tools, functionality, and intelligence needed to support top areas of focus for today's sales and marketing teams, including data accuracy and management, account-based marketing, sales and marketing alignment, and predictive analytics.

**Responsibilities:**

* Designed Use Case Diagrams, Class Diagrams and Sequence Diagrams and Object Diagrams to model the detail design of the application using **UML**.
* Developed a web-based reporting for credit monitoring system with **HTML, XHTML, JSTL**, custom tags and Tiles using Struts framework.
* Implemented **Java** classes that provide JDBC connectivity for the application with **MySQL** database
* Developed the application using **Struts** following **MVC** architecture and developed action and form classes based on Struts framework to handle the pages.
* Involved in developing action classes, form beans and Java Server Pages.
* Developed Web Services to retrieve data from legacy systems.
* Created several **JSP**'s and populated them with data from databases using **JDBC.**
* Developed server-side functionality for Admin Interface features like Manipulating User data, Filtering users based on roles, Modifying Roles etc.
* Planned and implemented various **SQL,** Stored Procedure, and triggers.
* Identified the participating pages and the navigation paths between pages.
* Used **Web Logic** Workshop page flow technology.
* Used ANT for the build process.
* Used JDBC to access **Oracle** database and implemented of connection pooling.
* Involved in Production support and provided training and knowledge transfer to the user.

**Environment:** J2EE, Java 1.5, Servlets, JSP, JDBC, JMS, Struts 1.2.x, HTML, CSS, Junit, XML, JavaScript, UML, Apache Ant, Oracle, SQL, Windows.

**DSQ Software India Chennai, IN July- 2011 to Aug-2012**

**Jr Java Developer**

**Description:**

A web application developed to make audio calls, video calls and chats. This application is designed to peer to peer communication. It interacts with the user via a simple, easy to use, intuitive and clean GUI. Where user can have his profile name, profile picture and status which all he can update. The User has the contact list which can be managed, and one-click connection establishment is made.

**Responsibilities:**

* Developed and designed the various screens and its architecture in accordance with UI Specs following client branding standards.
* Participated in the business requirements meetings and provided inputs.
* Involved in complete **Agile**/**SDLC** - Requirement Analysis, Development, System and Integration Testing.
* Implemented business logic according to the requirements. Worked extensively on Collections and Frameworks.
* Involved to create different cross-browser compatible user interactive web pages, using web technologies like **HTML, XHTML,** and **CSS**.
* Used **Data Access Object** (DAO) pattern to introduce an abstraction layer between the business logic tier and the storage tier
* Created and maintained the framework and layout of each portal with Cascading Style Sheets (CSS).
* Worked with **CSS** background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, Pseudo-elements and CSS behaviors.
* Developed SQL queries and used stored procedures to perform transactions with the IBM Db2 database.
* Extensive use of **Enterprise Java Beans** (EJBs) for middle tier component implementation and implementation of business logic.
* Followed **MVC** Structure to develop Application.
* Extensively worked in defect maintenance of Front End issues

**Environment:** C, Java, J2EE, UML, IBM Rational Rose, XML, HTML, CSS, Linux, Apache Tomcat Server, SQL, IBM Db2, Eclipse 3.4, Oracle, JSP, Servlets.

**EDUCATION**:

Bachelor of Technology: Computer Science and Engineering

Jawaharlal Nehru Technological University, Hyderabad.