**Prathyusha Prachuri**

**SR.Java/j2ee Developer**

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**Professional Summary:**

* 8+ years of IT experience in all the phases of Software Development Life Cycle (SDLC) such as planning, analysis, design, implementation, testing and maintenance of Web Based, Client-Server in domains like Banking/Finance Legal and Logistics.
* Strong development skills in Java, J2EE(TM), JDBC, JSP, Servlets, JMS , JNDI, RMI, HTML, XML, XSL,JPA, XML, JAXB, JAX-WS, Java Script, JQuery, AngularJS, DB2, Oracle, SQL Server and Macromedia tools.
* Solid experience with Object Oriented Programming and Design. Extensive knowledge in development methodologies like Software Development Life Cycle (SDLC).
* Demonstrated expertise in handling development, maintenance, upgrade & enhancement projects.
* Extensive programming experience in developing web based applications using Java 4/5/6, spring 3.2, Hibernate 3.5, HTML, Web Services etc.
* Strong experience in UI & client side validations using HTML5, CSS3, Java script, and JQuery.
* Expertise in implementing MVC frameworks using Struts,spring 3.x, Custom MVC and Hibernate 3.5 for persistence.
* Involved in producing & consuming SOAP based & Restful web services using WSDL, SOAP, JAX-WS, JAX-RS, AXIS, CXF etc.
* Very good implementation experience of Object Oriented concepts, Multithreading and Java/Scala.
* Used Jenkins for Continuous Integration.
* Strong knowledge in Database programming design using Oracle, MarkLogic and MySQL.
* Expertise in DB Design, DB normalization and writing SQL queries & PL/SQL- Stored Procedures, Functions, Triggers, Sequences, Indexes and Views etc.
* Performed unit testing using JUNIT test cases and used Mockito for stubbing.
* Expertise in using J2EE Application Servers such as Web Logic Web sphere 8.2 and Web Servers such as Tomcat 6.x/7.x.
* Experience creating Use Case Model, Use Case Diagrams, Class Diagrams, sequence diagrams using Rational Rose.
* Strong background in Object Oriented Design (OOD), Analysis (OOA) and drawing UML diagrams.
* Proficient in development of enterprise business solutions using Apache Tomcat and WebLogic application servers.
* Expertise in using IDE's like My Eclipse, Eclipse 3.x, RAD and IntelliJ.
* Strong Experience in working with scripting languages and Frameworks like JavaScript, JQuery and AngularJS.
* Experience with build/deployment and release of the application using Maven, Ant.
* Extensive experience with Waterfall and Agile Scrum Methodologies.
* Experience in tracking defects, issues, risks using JIRA.
* Expertise in J2EE application development using Core Java, J2EE, EJB, Struts MVC, Spring MVC, Spring Boot, Micro services, Restful Web Services, Mongo DB, Netflix APIs, Hibernate, Design patterns, AJAX, SOAP, Servlets, JDBC, JSP, XML, JAXB, HTML, SQL, CSS, JavaScript.
* Expertise in Core Java concepts - Collection Framework, Exception Handling, IO, Serialization, Multi-threading, Concurrency etc. Used tools such as Teammate, which is used by the auditors.
* Worked on implementation of the version control software CVS, VSS, SVN, GIT and STARTEAM.
* Used Talend tool to small develop projects which can be explored to a jar and used in any java applicatio

**Technical Skills:**

**Programming Languages:**JDK, J2EE, SQL, PL/SQL, C,C++

**Java Technologies:** Servlets2.5, JSP, EJB3.0, JDBC4.0, JMS, JNDI, Web services

**Web/Application Servers:** Apache Tomcat, BEA Web Logic, JBoss, IBM Web Sphere, Life ray Portal 6.1

**Frameworks:** Jakarta Struts1.1/2.0, Spring3.0/4.0, JBoss seam, JSF

**ORM Frameworks** Hibernate, JPA

**GUI & others:** AWT, Swing**,** Threads, Maven, JPA, JSR 168/286

**RDBMS:** Oracle 8i/9i/10g, SQL Server, MS Access, DB2, MySQL

**IDE’s:** Eclipse, My Eclipse, Net Beans 6.8, RAD 8.0/8.5

**Databases:** Oracle, Microsoft SQL Server, MySQL, Microsoft Access, DB2

**Web Technologies:** HTML/DHTML, AJAX (DWR), CSS, XML, XSL, XSLT, SAX/DOM

**Methodology:** OOAD, UML, OOP, MVC & MVC2, Frameworks

**Scripting Languages:** JavaScript, Shell Script, ANT

**Configuration Management Tools:** CVS, Rational Clear Case, Harvest

**Others:** MQ Series, TIBCO, SOAP, WSDL.

**Operating Systems:** UNIX, Linux, Windows 2000/XP

**Middleware Technologies:** RMI, EJB, JNDI

**UML Tools:** Rational Rose, MS Visio

**Version Controls:** Sub Version (SVN), Concurrent Versions System (CVS), IBM Rational Clear Case, Visual Source Safe (VSS)

**Professional Experience:**

**DMI - Bethesda, MD April 2016- present**

**Role: SR. Java Developer**

**Description:** Digital Management, Inc. (DMI) is a provider of mobile enterprise, business intelligence and Cybersecurity solutions and services. It is headquartered in Bethesda, Maryland, United States. DMI's clients include several Fortune 1000 commercial enterprises and all U.S. federal government agencies.

**Responsibilities:**

* Developed Application using Spring MVC widely with annotations, Dependency injection, IOC, integrated with the Struts frame work with views based on jsps.
* Involves in Sprint planning for the estimation of efforts for user stories and bugs.
* Clarify requirements with business owners, perform analysis and design solutions.
* Used Multi-Threading and concurrency and implemented threads while preparing and generating mails.
* Prepared Technical Specifications based on the functional requirements.
* Involved in preparing Technical Design Document of the project.
* Develop detailed program design for application changes and/or major bugs.
* Used Apache Camel in the JBoss Fuse ESB as the integration platform for SOA Services.
* Developed UI using HTML5, CSS3 and JQuery to display the data on the client side.
* Integrate Bootstrap in existing web applications. Involved in coding for the presentation layer using JQuery, JQuery Mobile, NodeJS and JavaScript.
* Experience in understanding and using NoSQL databases Mongo DB, Apache Cassandra, Dynamo DB, Couch DB and Redis.
* Created various Parser programs to extract data from Autosys, Tibco Business Objects, XML, Informatica, Java, and database views using Scala.
* Wrote business rules using Drools and business logic processing customs declarations.
* Design, implement and test services using Python in a Microservice -oriented architecture
* Implemented AngularJS Controllers to maintain each View data.
* Implemented AngularJS Service calls using Angular Factory.
* Enhanced user experience by designing new web features using MVC Framework like NodeJS accommodate these advanced and fast technologies.
* Good experience with Hibernate, AJAX, PERL and Unix Shell Scripting.
* Responsible for getting approval on the design documents as part of the process.
* Develop and re-factor existing product features using Java, J2EE, spring, Hibernate, Oracle.
* Involved in writing SQL & PL SQL - Stored procedures, functions, sequences, triggers, cursors, object types.
* Implemented various design patterns like Factory, Singleton, Abstract Factory, Service Locator, DAO, Business Delegate etc.
* Created the Application Context files for spring core modules.
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWSservices like EC2, S3.
* Utilized MEAN stack, REST design pattern, MVC framework and SPA (Single Page Application) framework based on Angular JS.
* Involved in building a single page and cross browser compatible web application using Angular-JS (Angular routing) and bootstrap.
* Created an XML configuration file for Hibernate for Database connectivity.
* Involved in developing app using Spring MVC and used other modules of Spring DI & AOP.
* All the functionality is implemented using Spring IO / Spring Boot, MicroServices and Hibernate ORM.
* Refactored Microservice to make it RESTful, thread-safe, and more configurable.
* Involved in implementing Programmatic transaction management using AOP.
* Used Hibernate with JPA for attaining Object Relational Mapping.
* Used Spring JDBC template to retrieve the data and represented the data in the form of tree which has seven hierarchies and implemented drag and drop functionality to it.
* Modified SQL, PL/SQL procedures and triggers to obtain optimize output.
* Involves in the design and development of RESTful Web Services using Apache CXF.
* Utilized MEAN stack, REST design pattern, MVC framework and SPA (Single Page Application) framework based on Angular JS.
* Responsible for implementation of java integration components for JBPM and DROOLS.
* Experience in using NoSQL(MongoDB), Oracle 10 and Oracle 11g database for applications.
* Involves in the implementation of UI changes using JSP, jQuery.
* Using Maven for application build.
* Unit testing of developed product features using Junit and Mockito frameworks as part of development cycle.
* Responsible for providing technical expertise and peer code reviews to other team members.
* Responsible for assisting in quality assurance process and customer issue resolution.
* Involved in wrap-up meetings and in estimating the timeframe for each story and helped in deploying the application on the server for each iteration of the agile software development.

**Environment:** Java 1.7, JSP, Spring 3 MVC, Hibernate 3,Spring Boot, Spring Batch, Apache CXF, RESTful Web Services,Spring Dependency Injection,Jquery Mobile, Cassandra, Java script, SOAP, Spring JDBC, Rest, Mongo DB, Apache Tomcat 7, Micro Services, AWS, Oracle 11g, SQL, Drools,bootstrap, Microservices,PERL, Scala, PL/SQL, JIRA, Python, Maven, SLF4J, HTML5, Mockito, CSS,NoSQL, Angular Js, Node Js, React Js, XML, XSD, jQuery 1.7, JBoss 6.2.0, IntelliJ IDEA 13.1.1, SVN.

**LexisNexis - Newark, NJ September 2014 – march 2016**

**Role: SR. Java Developer**

**Description:** LexisNexis is the second largest legal document repository used by the lawyers and the law firms across the world. They provide case and statutory documents on subscriptions. Since efficient search is needed they maintain a MarkLogic DB in the backend.

**Responsibilities:**

* Developed the core modules for the services by using n- tier architecture.
* Interacting with the client in understanding the requirements and translating them into Technical approaches.
* Understanding the functional specifications and architecture.
* Involved in doing peer level reviews.
* Implementing Agile development processes on Software Development life cycle (SDLC).
* Involved in selecting features, stories and creation of tasks. And, involved in effort estimations, sprint planning, scrum of scrum meetings, development and testing of the application.
* Worked on web services REST/JSON technologies.
* Performed J2EE application deployment using JBoss application server on Windows and Linux.
* Extensive experience with AWS (AWS Cloud Formation, AWS ECS and EC2, S3 etc.)
* Migrating servers, databases, and applications from On-premises to AWS, Azure and Google Cloud Platform.
* Developed Micro Service to provide RESTful API utilizing Spring Boot with Spring MVC.
* Working with QA team to validate the test cases whether the test cases meeting business Requirements.
* Experience in implementing Service Oriented Architecture (SOA) solutions using Jboss ESB architecture, JMS and Web services.
* Developing business logic using Scala.
* Involved in the UI development using HTML5, CSS3, JavaScript, JQuery, JSON, AngularJS, Bootstrap and AJAX.
* Expertise in object oriented JavaScript Libraries including Various Plug-INS like Angular.js and ExtJS.
* Involved in application design like Sequence Diagrams, Class Diagrams using Rational Rose tool.
* Involved in preparing High level and low-level design documents for the application.
* Developed static and dynamic Web Pages using JSP, HTML, JavaScript and CSS.
* Used spring framework for dependency injection and integrated with Node JS, Hibernate and JSF.
* Involved in writing queries and stored procedures for My SQL and SQL Server.
* Configured the Web Logic Console by creating Connection Pool.
* Experienced in developing web applications using JSP, Servlets, JDBC, JavaScript, AJAX, and jQuery, HTML5, JSON, AngularJS, ExtJS, Bootstrap, ReactJS and CSS3.
* Used Eclipse 3.0 to develop the Application.
* Worked on Oracle 10g/11g,ElasticSearch, MYSQL, NoSQL, MongoDB.
* Used Core Java concepts such as multi-threading, collections, garbage collection and other JEE technologies during development phase and used different design patterns.
* Used Spring Beans to encapsulate business logic and Implemented Application MVC Architecture using Spring MVC framework.
* Developing traits and case classes etc in Scala.
* Created and presented training materials surrounding adoption of the Groovy language.
* Build the applications using Maven and Jenkins tool.
* Developed reusable and interoperable Web service modules based on SOA architecture using SOAP and RESTFUL API.
* Created custom directives in AngularJS for re-usable components (multi-field form elements, background file uploads).
* Extensively used Hibernate in data access layer to access and update information from the Oracle database. Used Hibernate Query Language (HQL) for writing the queries.
* Created Hibernate mapping files, sessions, transactions, Query and Criteria's.
* Developed XMLs, Java Script and Java classes for dynamic HTML generation to perform the server side processing on the client requests.
* Designed and developed Microservices business components using Spring Boot. Consumed REST based Microservices with Rest template based on RESTful APIs.
* Developed Web Services which communicates with different other applications using SOAP.
* Maintain multithreading using Executors framework & created a fixed thread pool to maintain it.
* Build code using Eclipse and deploy it using JBoss6.
* Involved in writing DB queries & PL/SQL programming.
* Deployed web, presentation and business components on IBM WebSphere Application Server.
* Used log4J for logging and debugging of the application.

**Environment:** Java 1.5, J2EE, XML, HTML, JavaScript, JQuery, AngularJs, Node Js, Restful API web services, Hibernate 3.0, AWS, JSON, Java Beans, Agile/Scrum Methodology, AJAX,Scala, Groovy, WSDL, SOAP, Jenkins, NoSQL, SOAP UI, WebLogic, JUnit, Maven, JBOSS, Spring-IOC, AOP, Bootstrap,Microservices, JDBC Template, Oracle 10g, IBM WebSphere, Eclipse.

**Reed Elsevier -Miamisburg, OH November 2012 - August 2014**

**Role: SR. Java developer**

**Description**: RELX Group (known as Reed Elsevier between 1992 and 2015) is a multinational information and analytics company based in London, in the United Kingdom. It operates in four market segments: scientific, technical and medical; risk and business analytics; legal; and exhibitions.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle using Agile including effort estimations, design, development, implementation, verification and validation.
* Followed Agile Methodology (SCRUM) to produce high Quality software and satisfy the customers.
* Planned Sprint releases, deliverables and dependencies with other vendor teams through SOS (Scrum of Scrum meetings) and participate in weekly status meetings to discuss on the project progress.
* Implemented an asynchronous, AJAX and JQuery UI components based rich client to improve customer experience.
* UI Layer implemented with Struts, Struts validation, Struts Tiles, JSP, XML, CSS, XHTML, JavaScript, DOJO, AJAX
* Suggested solutions for various functional problems to product owners.
* Involved in creating scenarios for Performance testing followed up with Performance team to run the scripts.
* Deployed the apps on Unix box, used filezilla to get the logs from UNIX box.
* Written clean up code to eliminate memory leak issues.
* Prepared Technical Specifications based on the functional requirements.
* Involved in preparing Technical Design Document of the project.
* Used Spring DI/MVC/AOP modules.
* Implemented SOLR search engine to search the products.
* Developed the UI panels using Spring MVC, XHTML, CSS, JavaScript and JQuery.
* Implemented a Middle tier using Spring MVC to process client requests and implement server side code to be executed.
* Involved in deploying and testing the application in JBoss application server.
* RabbitMQ was used to send/receive asynchronous data.
* Implemented migration from Oracle coherence cache with Hazel cast cache.
* Experience in working with Groovy on Grails framework which makes creating complex workflows much simpler.
* Extensively used Hibernate in data access layer to access and update information from the Oracle database. Used Hibernate Query Language (HQL) for writing the queries.
* Used Spring IOC to inject DAO objects into the Business delegate classes.
* Implemented CSS3 and JavaScript based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Provided Exception handling, Declarative Transaction management using spring AOP.
* Wrote complex SQL queries to fetch statistics for the business users from Data warehouse on regular basis in Oracle 11g database.
* Worked on Distributed messaging system RabbitMQ to send messages to Existing Applications.
* Wrote stored procedures and Database Triggers using PL/SQL.
* Designed network diagram, and set up the Development Environment, IST and UAT environment by installing and configuring Web Sphere Application Server on UNIX environment.

**Environment:** Java 1.6, J2EE, Spring 3.2, Hibernate 3.0, JSP2.0, Web Sphere Application Server 8.1, HTML, JavaScript, JQuery,search engine, JBoss, JSP, Servlets, Apache Camel, Hazel,Oracle 11g, SVN, Axis 2 Web Services, WSDL, SOAP, XML, PL/SQL.

**Trigent Software - Bangalore, Karnataka September 2010- October 2012**

**Role: Java Developer**

**Description:** Trigent is a CMM Level-4 technology solutions company with its US office at Southborough, MA, and India offices at Bangalore and Pune.Worked as a developer to interact with clients and analyzed requirements to designed UI mock-up using HTML5 and CSS for the complete project.Responsible for defining test strategy and test planning throughout the SDLC.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle using Agile including effort estimations, design, development, implementation, verification and validation.
* Configured different layer (presentation layer, server layer, persistence layer) of application using Spring IoC and maintained the Spring Application Framework's IoC container.
* Using Spring IOC(Dependency Injection) developed Java beans with getter and setter properties to be configured by Spring.
* Prepared Technical Specifications based on the functional requirements.
* Have Experience Handling L1, L2, L3 tickets.
* Packaged and deployed the application in JBOSS Application server in different environments like Development, testing etc.
* Written complex SQL queries to fetch data for the client.
* Used Hibernate 3.0 object relational data mapping framework to persist and retrieve the data from database.
* Implemented Exception Handling, Logging.
* Responsible for data migration to QA/User and Production region.
* Solved performance issues and brought optimal output from the available resources.
* Used Spring DI/MVC framework to better control the presentation, business and navigational aspects of the application.
* Have hands on experience in struts framework.
* Used SVN for version and source control.
* Used RAD for development purposes.
* Involved in peer level design & code reviews.
* Used log4J for logging and debugging of the application.
* Used Google Search Appliance, as a search engine for the for the product.
* Have worked on Google Search Appliance configuration.
* Developed new features for the client application "Enterprise Search".
* Involved in fixing defects & tracked them using QC & Provided support and maintenance and customization.
* Developing customized reports and Unit Testing using JUnit.
* Following Coding guide lines & maintain quality of code.
* Involved in building the code & deploying on the server.
* Dealt with business processes and Updated Project documents.
* supported the tool "TEAMMATE" used by auditors of the Swiss Re Organization.

**Environment:**Core Java, J2EE(JSP/Servlet, JDBC), HTML, CSS, JavaScript, JQuery, Ajax, Hibernatet 3.0, Web Services, UML, Junit, XML, JBOSS Server, JMS, Java Beans, Spring MVC, IOC, JDK1.4, RAD, Oracle 11g, Web logic 10.3, UNIX, Log4J 1.2.14, Maven, SVN, GSA.

**Vision InfoTech Pvt Ltd - Hyderabad June 2008- august 2010**

**Role: JR. Java Developer**

**Description:** This project involves development of website for Scott Systems.Scott Systems Involved in recruiting IT professionals all over the globe for various projects. The site will give the information about the company, activities, job resources Information and gets the details of the professionals. In this project, it accepts the candidate's information and searches for existing openings in the company and lists the same to the candidate.It also registers candidates and will be considers for suitable openings in the future. If his/her skill set matches with particular requirement then it will asks candidate to appear for the online test, and generate the result immediately after comparing with the database. It is flexible enough to update the candidate's information at any point of time**.**

**Responsibilities:**

* Developed the Servlets for processing the data on the server.
* Involved in the implementation of different modules of the project like, Login, Inbox, Sent, Trash, Draft, and Job opportunities for the team, Events, Team Profiles, Technology news using Servlets, JDBC, JSP and Web Logic server.
* Used simple Struts Validation for validation of user input as per the business logic and initial data loading.
* Created a solution to replace legacy/Web Method system with a JMS, MQ based engine.
* Worked on the user interface of the system using HTML, CSS, and JavaScript.
* Worked on JAX-WS, JAXB Web Services using SOAP and JAX-RS, Jersey for Restful web Services.
* Used Spring Beans to encapsulate business logic and Implemented Application MVC Architecture using Spring MVC framework.
* Involved in testing of every module's functionality by using different cases and validations.
* Created different tables which are required for storing the data for different modules using SQL.
* Presented some of the modules to the client.
* Used RAD, Eclipse for application Development.
* Worked on UNIX Shell Scripting tasks.
* Worked in Prototyping & Scrum/Agile Software Development methodology.
* Extensively used Log4J for logging and tracing the messages.
* Highly involved in full software development life cycle implementation.
* Good knowledge on Project Documentation.

**Environment:**Core Java, J2EE, JSP, Eclipse, Servlets, JDBC, JSP, XML, Tomcat Apache, HTML, CSS, JavaScript, XML Beans, Struts, Spring AOP, Spring Ioc, Web services, ODI, SVN, Log4j, JMS, Eclipse, Apace Tomcat, Oracle 10g, Agile Methodology, SQL Developer, WebLogic Server BackboneJS,UNIX,Putty, Windows.

**Education:** Bachelor of Technology in Computer Science Engineering.