**Prathyush**

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**PROFESSIONAL SUMMARY:**

* Having 5 **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 4/6, 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 **AngularJS** Controllers, Directives, Modules, Factory and Service Resources, Routing and Events.
* 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 ORM, Spring Boot, Spring JDBC, 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.
* Developed a custom File System plug in for Hadoop so it can access files on Data Platform.
* 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 |
| **J2SE/J2EE Technologies** | Core Java, Java Swing, J2EE, EJB, Servlets, JSP, JDBC, JMS, Web Services |
| **Web Technologies** | HTML, CSS, JavaScript, jQuery. JSP, JSTL, Servlets |
| **Web Services** | SOAP (JAX-WS), WSDL, RESTful (JAX-RS), JSON, DOM. |
| **UML Tools/Methodologies** | IBM Rational Rose, Star UML, Visual Paradigm |
| **Web/Application Servers** | Apache Tomcat, WebLogic Server, WebSphere, JBoss  |
| **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 |
| **IDE** | Eclipse, IntelliJ, Visual Studio |
| **Databases** | Oracle, MySQL, PostgreSQL, 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**

**Client:** **JPMC**

**June 2019 – Till date**

**Location: Tampa, FL**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Ensuring that technical software development process is followed on the project, familiar with industry best practices for **Agile** software development.
* Migration of Existing Application to **AWS** cloud. Used Amazon Web Services (**AWS**) like **S3** and **SNS** for promoting code in various environments.
* Hands on experience on working **Java 8** features like Lambda Expressions, Default methods and Type Annotations.
* Using **Kafka** on publish-subscribe messaging as a distributed commit log, have experienced in its fast and Python and Scalable.
* Virtualized the servers using **Docker**for the test environments and dev-environments needs, also configuration automation using **Docker**containers.
* Responsible to manipulate **HTML5, CSS3, Nodejs** as well as making the pages dynamic using **AJAX, JSON** and **XML.**
* **GIT** is used for the version control, **Maven** is used for build-script and configured **log4j, .log** files.
* Implemented server pages using **Apache Tomcat** as application server and **Apache** **Log4j** for application logging and debugging.
* Participated in development/implementation of Cloudera **Hadoop** environment.
* Developed Rest API to processes the data from DB to another Rest Service.
* Integrated the Linux environment with Active Directory providing a Single Sign On (SSO) solution.
* Managed local deployments in **Kubernetes**, creating local cluster and deploying application containers.
* Involved in implementing the complete Application in the in-build MVC Architecture with **Angular 6.**
* Experience in working with databases like **Oracle, MySQL** for creating tables, Stored Procedures and Functions.
* Strong experience in Spring Frameworks like **Spring MVC, Spring IOC, Spring JPA.**
* Experience on working with **Vert.x** tool kit for building reactive applications on the JVM.
* Integrated **AWS DynamoDB** using **AWS Lambda** to store the values the items and backup the DynamoDB streams.
* Involved in implementation of persistence layer using Hibernate and prepared Value Objects and Hibernate and JDBC were used against **MongoDB** database at DAO data layer.
* Conducted testing of real time data pipelines involving **Apache Kafka,** and databases including Oracle and **Cassandra**.
* Used **Angular 6** as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggersusing **SQL and PL/SQL.**
* Experience in **IBM BPM** tool migration at development side and integrating BPM using IBM Web-sphere application server
* Developed **Restful** Webservices to CREATE, DELETE and UPDATE the Appointments in Outlook using EWS Library.
* Experience in working with mobile applications development for **Android** platform, and collaborated with cross-functional teams to define, design, and launch new features.
* Experience in working with Application servers like **Web Logic** and **JBoss** Servers.
* Designed **Unit Test** Cases using **JUnit** and implemented Performance Testing using **Apache JMeter.**
* Developed the applications using **Spring** **MVC** Framework by creating controllers, validators and request mappings.
* Working with Project Managers to identify and manage risks, issues and opportunities for the system’s including the development of contingency plan.
* Managing the **OpenShift** cluster that includes scaling up and down the AWS app nodes.
* Performed daily **Production** checks, monitored and analyzed logs using the **Splunk** Dashboard.
* Participate in the evaluation of emerging technologies, and the development of proof-of-concepts to inform extensions to the **BPM** platform.
* Support our application platforms in both **Production** and the non-production test environments.
* Worked on creating the **Docker** containers and Docker consoles for managing the application life cycle.
* Used **Spring Boot** framework with Java to implement **Microservices** Architecture with **JAX -RS** as a web service.

**Environment**: Java 8, J2EE, Microservices, Spring boot, Spring MVC, HTML5, JavaScript, CSS, AJAX, JSON, Bootstrap, Hibernate, REST, Maven, JUnit, Angular 6, AWS SNS, VS Code,Vert.x**,** Hadoop, Docker, Linux, IntelliJ, Kubernetes, OpenShift, MAVEN, Junit, Jenkins, Agile Methodology, PL/SQL, JBoss Eclipse, GIT, Cassandra, Log4j, PL/SQL, BPM, WebLogic Application Server.

**Client: State of West Virginia**

**Sep 2018 to June 2019**

**Location: Columbus, OH**

**Role: Java Developer**

**Responsibilities:**

* Ensuring that technical software development process is followed on the project, familiar with industry best practices for **Agile** software development.
* Experience in working with different UI concepts like **HTML5**, **CSS**, **JavaScript**, **JQuery**, **AJAX** and responsive web designing.
* Used **React JS** as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server
* Created a **Continuous Delivery**process to include support building of Docker Images and publish into a private repository- **Nexus v3.**
* Administered **Linux** servers for several functions including managing Apace/Tomcat server, mail server, MySQL database and firewalls in both development and production.
* Involved in **Production support** calls, analyzed the issues and fixed them.
* Involved in implementing the complete Application in the in-build MVC Architecture with **Angular 6.**
* Used Spring Data and **MongoDB** as the persistence framework and performed **CRUD** (Create, Read, Update, Delete) operations using **Restful** web services
* Implemented Spring AOP to reduce the amount of code written in controller classes and made use of Pointcuts and Join points to call other classes.
* Production Support/Maintenance of the Interfaces developed using the tools such as **IBM BPM** and IID.
* Taking thread and heap dumps during production issues, analyzing them and identify the faulty piece of code.
* Experience in working with databases like **Oracle, MySQL** for creating tables, Stored Procedures and Functions.
* Conducted feasibility studies to establish business cases and cost-benefit analysis to propose solutions
* Worked on the authentication in **Spring Boot**, for implementing security between front-end UI and back-end **SOA** services.
* Extensively worked on developing UI components using Angular 2 and JSON to interact Restful services like Jersey API.
* Experience in working with application performance management tools like **Dynatrace** for monitoring Java Applications.
* Experience in using Build Automation scripting like **MAVEN** and **Apache** **ANT** as build tools for building of deployable artifacts from source code.
* Developed **PL/SQL** triggersandmastertables for automatic creation of primary keys.
* Hands on experience in working with IDE’s like **Eclipse** and **Visual** **Studio** Code.
* Used Oracle as the Database and Hibernate as the JPA and applied its ORM to enable the transactions between POJO classes and Oracle Database.
* Worked in an **Acceptance Test Driven Development** (ATDD) environment which increases the efficiency in the development process.
* Successfully deployed the app on the **Android** Marketplace and supported the app for different releases of Android OS
* Developed features for **OAuth 2.0** client authorization across Development and QA environments
* Experience in working with code coverage tools like **SonarQube** for estimating the code quality.
* Hands on experience in working with version control tools like GitHub and SVN Repository.
* Responsible for **Continuous Integration** (CI) and **Continuous Delivery** (CD) process implementation using **Jenkins** along with **LINUX** **Shell** scripts to automate routine jobs.

**Environment:** Agile, Java 8**,** HTML5, JavaScript, CSS3, jQuery, JSON, Angular 6, Spring Boot, Spring MVC, Spring Security, Microservices, REST, EJB, OAuth 2.0, JAX-RS, Docker, Linux, JPA, BPM. Hibernate, Junit, Oracle 11g, PL/SQL**,** Android, MySQL, Eclipse, Dynatrace, SQL Developer, Apache Kafka, MongoDB, SonarQube, Web Logic, JBoss, Jenkins, GitHub

**Client: Nordstrom Technology**

**Aug 2017 to Sep 2018**

**Location: Seattle, WA**

**Role: Full Stack Developer**

**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.
* Used **Angular JS** as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server
* Provided **production support** by documenting tickets and communicating with customer and vendor.
* 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.
* Planning requirement gathering sessions with onsite team along with providing recommendations and solutions to meet business objectives
* Developed REST architecture-based web services to facilitate communication between client and server. Responsible in developing **Spring Boot Microservices** from scratch.
* Hands on experience in working with **NoSQL** databases like **Cassandra** and **MongoDB**.
* Hands on experience on working **Java 8** features like Lambda Expressions, Default methods and Type Annotations.
* **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.**
* 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.**
* Expertise on working with **Apache Kafka** for data replication for real time data processing.
* Used **Jenkins** with the methodologies like (CI) Continuous Integration and (CD) Continuous Delivery.
* Utilized **Jira** Tool for issue and bug tracking and hands on experience on working with IDE’s like **Eclipse** and **IntelliJ**.
* Experience on working version control and configuration management tools like **Bitbucket** and **GitHub**.

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

**Client: KTree Software Solutions**

**Aug 2015 to July 2016**

**Location: Hyderabad, IN**

**Role: Java Developer**

**Responsibilities:**

* Designed Use Case Diagrams, Class Diagrams and Sequence Diagrams and Object Diagrams to model the detail design of the application using **UML**.
* Participated in all phases of the SDLC including technical requirements, design, development and unit testing
* 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.
* Used JDBC to invoke Stored Procedures and database connectivity to Oracle database.
* 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. Experienced in database design, data analysis and development Oracle, and writing SQL queries, Stored Procedures, Functions, Packages and Triggers.
* 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, IBM DB2, CSS, Junit, XML, JavaScript, UML, Apache Ant, Web Logic, Oracle, SQL, Windows.

**Client: Soft Pro Systems Ltd**

**July 2014 to Jun 2015**

**Location: Hyderabad, India**

**Role: Jr. Java Developer**

**Responsibilities:**

* Implemented **Struts MVC** design pattern and front controller pattern to this project
* Developed user interface by creating at least one webpage for each component using **Struts web MVC** and **Action Servlet** as front controller for this application
* Developed **Action Class components** for performing business process execution and involved in configuration of struts configuration specific xml file
* Developed **SCM** by using the **JSP/HTML** like one form for each functionality user interface, standard validations using the JavaScript, Servlets used as the controllers for the business logic and business logic using **JDBC**, **XML** parsing techniques etc. using **MVC**
* Developed **Single Sign On** (SSO) functionality, through which we can run SCM from Oracle Applications
* Involved in developing the **Routings** and configured **Routing Program** as scheduled the concurrent request.
* Developed **Server-Side components** for the business services for creating Items, BOM, Sourcing Rules, and substitute
* Involved in raising the Notifications to **Oracle** Users through Mailing Concept for intimating to start the next process using workflow.
* Extensively worked on **Oracle** for writing complex queries in the business logic layer. Used joins, debugging the SCM related packages and customization
* Extensively worked on creating the setups for Organizations, Templates, Concurrent Requests, Cross Reference Types, User Creations, assigning responsibilities, creating value sets, Descriptive Flex Fields etc. in Oracle Applications

**Environment:** Java, HTML, CSS, JavaScript, JDBC, Servlets, Oracle, XML, UML, UNIX, CVS.

**Education:**

Masters in Computer Science

University of Central Missouri, Warrensburg, MO

Bachelors in Computer Science

Jawaharlal Nehru Technological University Hyderabad, IN