**Arpitha Jayalakshmi Thopegowda**

**Sr Java Developer**

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**Professional Summary:**

* **6 years** of strong software experience in design, development and deployment of web-based and Client-Server business applications using OOP, Java/J2EE technologies in various domains.
* Experience in all phases of Software Development Life Cycle (SDLC), which includes Integration, Implementation, Interaction, Business Analysis/Modeling, Documentation, and Testing of all software applications.
* Ability to efficiently translate algorithms, ideas and concepts to software applications.
* Expertise with Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Modeling (OOM) based on Unified Modeling Language (UML) architecture.
* Good knowledge on reading and following UML design documentation such as Database, and Data Flow diagrams.
* Proficient in design and rapid development of web and J2EE applications using Core Java, JSP, CSS, Servlets, JavaScript, Spring, JDBC, HTML, XML.
* Experience in Agile software development process, Test Driven Development and Scrum.
* Experience in client side designing and validations using HTML, CSS, JavaScript, AJAX, JQuery, AngularJS.
* Have good experience on NoSQL database like Mongo.
* Proficient in MVC architecture using spring framework / JSP-Servlet and J2EE Design Patterns.
* Good knowledge on AWS cloud formation templates through java API to send and receive the information.
* Comprehensive knowledge in RDBMS databases like DB2, SQL Server and MySQL.
* Development experience in Windows, Linux and UNIX operating systems.
* Used DAO access and writing DML, DDL and triggers for SQL database and other client environment specific tools to design the client module.
* Good knowledge and experience in developing Microservice application using Spring Boot.
* Experience in installing, configuring, tuning Apache Tomcat.
* Ability to work individually as well as in a team with excellent problem-solving skills, troubleshooting capabilities, learn new tools and concepts.
* Worked on IDEs such as Eclipse, IntelliJ and Visual Studio.
* Comprehensive knowledge in databases like MySQL and SQL Server writing Triggers, Stored Procedures and Normalization of databases.
* Knowledge on ReaactJS. Used React to create interactive UI.
* Excellent troubleshooting & problem-solving skills with Client-Server & Web Application.
* Expertise in using issue tracking tools such as Quality Center and JIRA.

**Technical Skills:**

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| Platforms | Windows and UNIX/LINUX |
| Programming | JDK 1.7,1.8, C# |
| Server Scripting | JSP1.2, 2.1 |
| Client Scripting | jQuery 1.7,1.8 AngularJS, JavaScript, CSS3, HTML5 |
| Java Frameworks | Spring MVC, Spring Boot |
| Database Tools | MySQL Workbench, AQT, Management Studio |
| Databases | DB2, SQL Server, MySQL |
| Version Control | SVN, GitHub, CVS |
| IDEs | Eclipse 3.0, 3.1, MyEclipse 4.1, IntelliJ, NetBeans. |
| Build Tools | Maven, Gradle |
| Continuous Integration | Jenkins, Team City |
| Web Servers | Tomcat 5.0,6.0,7.1 |
| Defect Tracking | JIRA, Rally |
| Methodologies | Agile Scrum, Waterfall |
| Cloud Technologies | AWS, Microsoft Azure (Databricks, Datalake) |

**PROFESSIONAL EXPERIENCE:**

**Synechron Inc, NJ Dec 2019 – Till Date**

**Sr. Java Developer**

**Responsibilities:**

* As part of Trans Americas Retirement Solutions project, I am working on design, development and maintenance of Online Retirement Application.
* Experience with integrating third party service API’s using RESTful web services.
* Configured Hibernate using data source, session factory, transaction manager & created DAO layer to access database.
* Involved in code analysis and code review for delivering consistent and quality code.
* Experience automating the batch process to generate reports.
* Part of the Scrum team and working on task automation related to CI/CD using Jenkins and writing unit test using JUnit.
* Maintaining code repositories using Git/Bitbucket.
* Worked with Front-end JavaScript frameworks like jQuery, Ajax etc.
* Experience with ORM tool like Hibernate.
* Have extensive experience in building and deploying applications on Web/Application Servers like Apache Tomcat.
* Provided support to the test team to create test cases and support business analyst team to prepare business requirement documents.
* Collaborate with offshore team to ensure smooth sailing of the project on a day-to-day basis.
* Experience with creation of Technical design document and Impact analysis document for better visibility of the tasks in hand.

**Environment:** JSP, Ajax, Spring MVC, Hibernate, XML, RESTful web services, JUnit, Maven, GIT/Bitbucket, Tomcat, DB2, Eclipse

**CA Technology, Plano TX Oct 2017 – Feb 2019**

**Sr. Java Developer**

**Responsibilities:**

* As part of the Service Virtualization team, I was involved in design and development of Feedback Control System for Service Virtualization Application in Java.
* Developed real time application using Java, J2EE by consuming the response from the customers and publishing them to Apache Kafka and consuming the input and storing them in Elastic Search and providing a customizable dashboard to view analytics over the processed data using Kibana.
* Developed new database objects including tables, view, index and stored procedures.
* Experience in performance tuning of complex queries.
* Part of the Scrum team embracing divas and working on task automation related to CI/CD using Team City and writing unit test using JUnit.
* Externalized all application configuration including the database credentials and network location using Spring Boot.
* Maintaining code repositories using Git in cloud.
* Experience in developing Microservice application using Spring Boot.
* Developed logging using Log4j for the application.
* Knowledge on Continuous Integration and Continuous Deployment (CI/CD).
* Have extensive experience in building and deploying applications on Web/Application Servers like Apache Tomcat
* Worked on JIIRA for bug tracking.

**Environment:** JSP, JSON, Spring MVC, RESTful web services, JUnit, Maven, GIT, Tomcat, WebLogic, Microservices, Spring Boot

**Client: PCIC, Houston, TX** **Jan 2016 – May 2017**

**Role: Java Developer.**

**Responsibilities:**

* Improved the maintainability of the project by implementing and improving Exception Handling and Collection **APIs**
* Involves in Sprint planning for the estimation of efforts for user stories and bugs.
* Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.
* Involved in continuous integration of the project using Jenkins.
* Used RESTful**Web services** for transferring data between applications.
* Designed and developed various SQL database Simple and Complex Queries, Stored Procedures, Trigger and Functions.
* Responsible to finish Jira Tickets assigned on time and update their status on regular basis.
* Used SVN for source code control.
* Develop detailed program design for application changes and/or major bugs.
* Involved in writing program documentation and technical specification documents.
* Data- Binding concepts with developed controllers, filters, components integrated with back-end services were extensively implemented using **AngularJS**.
* Used **Postman Collections** for Rest API testing.
* Used Git as Version Control System for the application.
* Used JMeter to test performance of SOAP protocol.
* Used to test performance both on static and dynamic resources using JMeter.
* Strong understanding of supporting **JSON based Restful web-services,** integrating with the front-end.

**Environment:** HTML5, CSS3, JavaScript, Angular.js**,** Bootstrap, JSON, Ajax, Agile methodology, Restful Web Services, Agile Development, SQL Server.

**NTT DATA, India Mar 2012 to July 2014**

**Software Engineer/Java Developer**

**Responsibilities:**

* Developed JSP pages to capture user information such as personal info, the vehicle to be insured, the driving history, claims accidents, current insurance provider and other details.
* Designed and developed web client using Spring MVC Framework, JSP Tag Libraries, Custom Tag Used OOD for building applications. Involved in gathering business requirements, analyzing the project and creating use Cases and Class Diagrams.
* Designed and developed the project using Spring MVC framework.
* Developed Spring MVC validators to perform server-side business object validations.
* Implemented Tiles based framework to present the layouts to the user and has and developed UI using view tags (HTML), JSP, JavaScript, CSS.
* Implemented Generic DAO using Spring JDBC to handle database operations on Similarly Constructed Tables.
* Worked on the development of real time monitoring tool for the insurance product using Apache Kafka, Elasticsearch and Kibana.
* Developed mere real time analytic engine by consuming real time data and processing them by distributing across nodes and providing a customizable dashboard to view analytics over the processed data.
* Designed the data from different sources to be queued and replicated using Apache Kafka using the coordinator.
* Excellent Knowledge of Software Development Life Cycle (SDLC) and a thorough understanding of its phases.
* Maintaining code repositories using Git in cloud.
* Maintained system documentation and user manuals.
* Used JSP, JavaScript, Custom Tag libraries, Interceptors, and Validations provided by Spring framework.
* Involved in setting up Jenkins for continuous integration and continuous builds by polling the repositories.

**Environment: Java, Spring MVC, Tomcat**, SQL, **Apache,** HTML, CSS, JavaScript, CVS.