Revathi Vadlamudi

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| SUMMARY |

**11+ years** of **experience** in software research, analysis, architecture, design, implementation, development, testing, integration, deployment, maintenance, migration and conversion of web, client/server, cross-platform, UI applications, Cloud native containerized microservices and orchestration.

* Excellent design and programming skills **in Java/J2EE, JavaScript, Struts, Spring, Spring Boot, React, Thymeleaf, Microservices, Rest, SOAP, Liferay**
* Implemented the **microservices** architecture based on **RESTful API** using **Spring Boot** with **Spring MVC.**
* Developed UI modules using **React JS, Bootstrap, JavaScript, Ajax, jQuery, CSS3 and HTML5, SASS**.
* Developed end to end application using **Spring Boot**.
* Hands on experience in latest tools like **AWS** , **Azure** services.
* Extensively worked on **Struts**, **Spring**, **Spring boot**, **Liferay** framework
* Experienced in application development for Cloud platforms using technologies **Java/J2EE,Spring Boot, MicroServices, REST**.
* Hands on experience with spring framework modules such as **Spring MVC, IOC, AOP, JDBC, ORM, Spring Boot, Spring Microservices, Spring REST, and Hibernate, JPA ORM tools.**
* Extensive experience in developing **Microservices using Spring Boot**.
* Experience in working on Service Oriented architecture (SOA) using **SOAP** and **REST**.
* Experience in testing API’s by using Rest Assured, **SOAP UI and Postman.**
* Experience in working on various Spring 3 modules (Spring MVC) along with Hibernate as the backend ORM tool for implementation of persistence layer and mapping of POJOs.
* Understanding of relational database concepts, and experience in query construction using **SQL, MySQL, Oracle**.
* Extensive experience in working with **MongoDB**, a **NoSQL** document database, for data storage and retrieval.
* Involved in setting up **Jenkins Master** and multiple slaves for the entire team as a CI tool as a part of **Continuous development and deployment process.**
* Extensively worked with tools like **Jenkins Master** to implement build automation.
* Extensive experience in creating enterprise applications on web/application servers such as **Jboss** and **Tomcat**.
* Proficient in creating, configuring, and managing **AWS** **EC2** instances for scalable and secure application hosting.
* Highly skilled in utilizing **AWS** **S3** for object storage, data backup, and content distribution.
* Managed security groups and **IAM** roles to ensure proper access controls and security compliance.
* Experience with controlling/tracking systems Subversion, **BitBucket, GIT, SVN.**
* Good working knowledge of build tools: **Ant**, **Maven** and **Gradle**
* Experience working with **IntelliJ**, **Eclipse**
* Knowledge of **Agile** software development.

PROFESSIONAL Experience

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| **iSolvers Inc** **April 2023 – Till Date****Role: Sr. Java Developer****Client: Mosaic Apps, USA, VA** |

* Analyze business requirements and putting together functional and technical specifications documents.
* Perform build & deploy projects using CI/CD tools like – **Jenkins**, **Git**, **Maven**, **AWS**, **Docker**.
* Work across interfacing teams – services team, architecture, **AWS**.
* Problem -solving – debugging and fixing the Jiras and production incidents, using the **AWS** logs.
* Responsible for all client-side UI/UX Validation and implementing Business logic based on user selection using **jQuery**, **JSP** and **React**
* Developed Microservices using **Spring MVC, Spring Boot**.
* Attend meetings with IT team for the Code review and design reviews and continuously tracking status in **JIRA**.
* Coordinate with DBA team and Supply Chain Management team for code migrations.
* Coordinate with QA team to initiate testing and ensure testing is completed
* Test **REST** web services using POSTMAN and fix any reported issues or bugs.
* Deployed applications on **AWS**
* Good knowledge on working with **OAUTH** to provide authentication and authorization to Rest services by exchanging Access Tokens.
* Exposure to NoSQL database programming.
* Experience in using JSON Web Tokens (**JWT**) to securely communicate JSON objects.
* Experience in working with build tools like **MAVEN, GRADLE, ANT**
* Experience in working with Log4J for logging, debugging and error tracing.
* Worked on developing applications using **ReactJS** for view rendering.
* **ReactJS** is used to create multiple components.
* Experience in breaking down monolithic applications into **microservices** to improve maintainability and agility.
* Docker tool is used to build docker images from docker files where code and dependencies are placed and we created **Docker** containers by running these images which helps in managing storage issues. **DockerHub** is used later to store our images which acts as a repository.
* Demonstrated ability to design efficient MongoDB schemas to accommodate application data requirements.
* Proficient in CRUD operations (Create, Read, Update, Delete) using the **MongoDB** Java driver or Spring Data **MongoDB**.
* Created detailed documentation for **MongoDB** schemas, data models, and query patterns to aid in knowledge sharing and onboarding of team members.
* Created detailed documentation for **MongoDB** schemas, data models, and query patterns to aid in knowledge sharing and onboarding of team members.
* Implemented unit tests and integration tests to ensure the correctness and reliability of **MongoDB** interactions in Java applications.

**Environment:** Java 6-11, Java Script, Tomcat 6.x – 9.x, Spring, Spring Boot, GIT, IntelliJ, MAVEN, AWS, Azure, SOAP, jQuery, Log4j, Thyemleaf, SQL, Oracle, Microservices, ReactJs, Jenkins, Docker, ClickUp, Zendesk.

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| **Commerztech India Pvt Ltd** **August 2020 – March 2023****Role: Sr Java/J2EE Developer / Lead Developer****Client: Moduslink™– Supply Chain, USA, Tennessee** |

* Involved in data gathering during the business analysis and planning phase of the project.
* Coordinating with **production** **support** and **QA** team on the bugs and SD tickets raised by the customer based on the priority.
* Using design patterns like **Singleton, Factory, DAO** and **DTO.**
* Comprehensive knowledge of constructing endpoints and testing **REST APIs** with **Postman.**
* Contributing to the system's design review, performing Object Analysis and providing the best feasible solutions for the application, as well as implementing **REST-based Microservices** with **Spring Boot** and using   **dependency injection with Spring Annotations** with **Spring Annotations, and Spring Container-manager transactions**.
* Proficient in designing, developing, and deploying **microservices**-based architectures for scalable and modular applications.
* Used service discovery mechanisms to dynamically locate and interact with **microservices** within the architecture.
* Worked with event-driven patterns to enable asynchronous communication and decoupling between **microservices**.
* Implemented fault-tolerance mechanisms like **circuit breakers** and retries to handle service failures gracefully.
* Employed resilience patterns like bulkheads and timeouts to prevent cascading failures in **microservices**-based systems.
* Conducted performance testing and optimization to identify bottlenecks and enhance the overall system's performance.
* Created comprehensive documentation for **microservices**, APIs, and integration patterns to facilitate collaboration among team members.
* Implemented business objects and business logic of the system (Java).
* Generate jasper reports using **ireports** tool.
* Developed logging-module using log4j to create log files to debug as well as trace application.
* Worked with SAX parser to parse the .xml file to extract the user data to be stored in the database.
* Used **GIT** as the repository tool to make updates and manage the code.
* Integrated with various **Azure** service like **Redis** cache.
* Deployed and tested the application using **Tomcat** servers.
* Used **JUnit** for testing the application.
* Worked with **QA** team for testing and resolve defects.
* Involved in setting up **Jenkins Master** and multiple slaves for the entire team as a CI tool as a part of **Continuous development and deployment process.**
* Extensively worked with tools like **Jenkins Master** to implement build automation.
* Deployed applications on **Azure**
* Expertise in testing and debugging web services via SOAP, using the open-source testing tool **SoapUI**.
* Assisting teammates in **scrum call/daily standup** and getting involve in grooming of assigned development work.

**Environment:** Java 6-11, Java Script, Tomcat 6.x – 9.x, Spring, Spring Boot, GIT, IntelliJ, MAVEN, AWS, Azure, SOAP, jQuery, Log4j, Thyemleaf, SQL, Oracle, Microservices, ReactJs, Jenkins.

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| **Ebix Software May 2015 – August 2020****Role: Sr Software Programmer** **Client: Paqqets™, Massachusetts, USA** |

* As a Developer, involved in the entire (**SDLC**) life cycle of the project right from the designing the project to implementation- working in Agile practices with two-week sprint.
* Responsible for creating efficient design and developing User Interaction screens using **HTML, CSS3, Bootstrap, JavaScript**
* Used Java 8 Method References feature to point to methods by their names and used **functional Interfaces.**
* Developed end to end application on spring boot framework (Rest API Application/ Spring JPA using crud repository).
* Implemented **Spring MVC framework** and integrated all products with Web Services.
* Implemented REST based web services.
* Used Spring Annotations to simplify the business logic for creating Spring MVC, RESTful web services.
* Used Spring Security to provide primitives for securing application access.
* Implemented business objects and business logic of the system (Java).
* Implemented huge number of POJO mappings to carry the objects from UI to the backend till the persistence layer.
* Used Gradle automated build scripts to compile and package the application.
* Developed logging-module using log4j to create log files to debug as well as trace application.
* Deployed and tested the application using JBoss servers.
* Used JUnit for testing the application. Worked with QA team for testing and resolve defects.
* Expertise in testing and debugging web services via REST, using the open-source testing tool PostMan.
* Worked on bug fixing and enhancements on change requests.
* Participated in daily stand-up meetings, code reviews and weekly meetings.
* Used GIT for version control

**Environment**: Java, Liferay (7 & DXP), Java Script, JBoss, Spring, GIT, Eclipse, Liferay IDE, Gradle, REST, AWS, jQuery, Log4j, Junit, MySQL, AWS.

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| **PB Systems India Pvt September 2012 – May 2015****Role: Software Programmer****Client: Serality™– How Communities Happen!, Massachusetts , USA** |

* Involved in gathering and analyzing user requirements.
* Used JavaServer Pages (JSP), **JSP Tag Libraries**, **Struts Tag Libraries**, **Custom Tag libraries** in the development of different user interfaces.
* Involved in development of DAO layer using Hibernate.
* Extensive JavaScript utilization for Business Rules and Client-side validation.
* Developed struts-config.xml and web.xml configuration files in the application.
* Created Struts Action classes for the application.
* Helping Quality Control Team in preparing Test Scripts, which involved writing test cases and Documentation.
* Participated in code reviews and weekly meetings.
* Employed Hibernate 3 for ORM mapping and persisting the data to backend.
* Deployed the Application using JBoss server.

**Environment:** Java/J2EE, JSP, HTML, XML, Struts, Hibernate, Liferay, MySQL, SVN

**EDUCATION**

Bachelor of Technology (B.Tech.) in Electronics & Communication Engineering, INDIA 2011.