

SUDHAKAR REDDI THAMATAPALLI

Java/J2EE Lead Developer

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Professional Summary:

- **Having 14+ years** of total **IT experience** in analysis & development of enterprise applications using **Java/J2EE technologies**.
- Experience in programming with **Java/J2EE** and practical knowledge in **web services**.
- Good expertise in Spring Boot, Restful web services for deployment of Micro services and AWS knowledge
- Good exposure on **Java8 concepts** and **Vaadin8 framework**.
- Has good knowledge on Web based Technologies and Core expertise is **JDBC, JSP, Servlets, spring 5.x and Spring Boot 2.x**.
- Experience in front-end development using **JSP, JavaScript, HTML, CSS**.
- Having good knowledge in **web services** both **SOAP** and **Rest-full**.
- Good Experience in **Spring Boot 2.x** with **Restful Web Services**.
- Having knowledge in **WebLogic 12c, Tomcat 9.x Application Servers**.
- Worked on Clinical Research and Telecom domains.
- Good Knowledge in **Amazon Web Service (AWS)** concepts like **EC2 web services** and AWS Fargate.
- Believe in continuous learning to maintain leading edge skills in a rapidly changing information systems environment, has a positive approach in problem solving and accepting challenges.
- Developed Graphical User Interfaces using **(GUI), UI frameworks, Vaadin** and Webpage's using **HTML, CSS** and **JSP's** for user interaction.
- Experience in design, development, implementation, deployment, testing, and maintenance using Software Development Life Cycle **(SDLC)** methodologies like **Agile, waterfall** and **SCRUM**.
- Sound skill in **Spring MVC architecture**, design patterns, Collections Frameworks, Exception's handling, and **multi-threading**.
- Experience in implementing **Micro services architecture** with **Spring Boot** and **Kafka** based service through **REST APIs**,
- Solid experience with **Core Java** fundamentals such as **Multithreading**, Collections, Generics and Annotations.
- Strong expertise in web technologies like **JSP, Servlets, JavaScript**. Well experience in **Unix** commands Shell Scripting.
- Excellent critical thinking, decision making, and problem-solving skills require to effectively work in the field of applications development and maintenance.
- Proficient with **SQL databases** like **Oracle**.
- Developed Servlets and JSP pages.
- Experienced in configuration and deployment on Application Servers such as **Oracle WebLogic** and **Apache Tomcat**.
- Experience using **Hibernate** for **mapping Java classes** with **database** and using **Criteria API** and **HQL**.
- Used many of the most popular Version Control Systems like **SVN, GIT, BitBucket**.
- Flexibility and adaptability in regards with new technologies and environments.
- Developed **Java** applications using REST API and deployed in **oracle web logic 12c web server**.

Technical Skills:

Technologies	Java 17, J2EE, SOA Oracle (BPEL, OSB), SIP (Session Initiation Protocol), JTAPI (Java Telephonic API), Spring, Springboot, Micro
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	Services
Frameworks	Vaadin, Spring 5.x, Spring Data, Spring Boot 2.x, Spring Cloud, Spring Security, Micro Services, Hibernate, Shell Scripting, Kafka. OAuth
Web Technologies	SOAP Web Services, Restful services, HTML, Java script, html, type script, VXML, Nuance, Avaya Integration with CRM, Angular, ReactJS
Application/Web Servers	WebLogic 12c, Tomcat 9.x
Data Base	Oracle 12c
Tools & IDE	IntelliJ Idea, Eclipse, STS
Cloud	AWS, AWS Lambda, GCP Azure
Testing	Postman, SoapUI 5.x, Junit
Operating Systems	Linux, Mac and Windows
Other tools	Putty, WinSCP, beyond compare, Azure, Splunk (logging), SonarQube, Dynatrace, Fast Thread (Thread dump analyzer), Orion Monitoring, HP Load Runner, Splunk, Lucid charts, Linux, Kibana, Rancher, JIRA

Professional Experience:

Project Information # 1

Client: CVS Health

January 2023 – Present

Role: Lead Java Developer/Architect

Project: RxConnect

Roles & Responsibilities:

- Involved in Architecture, Design, development, and deployment of application.
- Played Team lead role for end to end Application development and deployment.
- Application is implemented using **agile methodology** where there are daily **SCRUM** meetings to understand the status and resolve any issues.
- Involved in Creating the **Microservices** with **Spring**.
- Involved in discussion of design of architectural details of application.
- Extensively used **Jenkins** as Continuous Integration (**CI**) tool to deploy **Spring Boot, Microservices** to build pack.
- Involved in individual contribution role.
- Developed business logic using **Java, Spring boot, Hibernate, Web services over http**.
- Performance tuning the application components.
- Review of code.
- Responsible for coding of **DAO** classes using **Spring** with **hibernate**
- Involved in Coding of server-side components – Business Service and DAO.
- Involved in the validation of fields in Client side and Server side.
- Developed and Integrated of **REST APIs** and services using JAX-RS.
- Interacted with product owners, stakeholder to gather requirements, and prepare documentation on the same.
- Experience in Amazon Web Service (AWS) concepts like EC2 web services and AWS Fargate.
- Developed stored procedures, triggers, and functions with **PL/SQL** for **Oracle database**.
- Developed Webservice components using **REST** and integrated to the application.
- **JSON output** was tested using **POSTMAN**.
- **Rest API's** Integrated with React App with java script, html, type script.
- Used Splunk for monitoring the logs and alerting mechanism.
- Used Orion Monitoring tool for DB alerting mechanism.

- Used App Dynamics for micro service health and metrics.
- Using Google cloud platform(GCP) for deploying the micro services
- Interacted with product owners, stakeholder to gather requirements, and prepare documentation on the same.
- Used spring batch to process large volumes.
- Configured Active Active mechanism for application disaster.
- Developed Metrics dashboard using React JS.
- Using AWS for deploying the micro services
- Used Apache Kafka for streaming messages and patient notifications.
- Involved in developing IVR call flows with prompts
- Experience in developing the code to integrate the IVR application with different back ends like relational DB's and APIs
- Using Enterprise GCP Kafka for streaming events across the microservices
- Good Exposure on SaaS(Software as a Service), PaaS(Platform as a Service) and IaaS (Infrastructure as a Service)

Environment: Java 17, spring 5.x, Hibernate, REST Full web Services, Oracle DB, Micro Services, JavaScript, REST API, JSON, Docker, Kubernetes, Spring boot, React JS, PL/SQL, AWS, Apache Kafka, Spring batch, NoSQL, MongoDB, OAuth, GCP.

Project Information # 2

Client: US Bank

April 2022 - January 2023

Role: Technical Lead / Java Architect

Project: Partner Cards

Roles & Responsibilities:

- Involved in Design, development, and deployment of application.
- Played Team lead role for end to end Application development and deployment.
- Have developed several new high traffic Micro Services and have deployed the applications.
- Migrated several **Web services** as **Micro services** on **Spring** Cloud Server config.
- Application is implemented using **agile methodology** where there are daily **SCRUM** meetings to understand the status and resolve any issues.
- Review of code.
- Played mentor role for new joiners.
- Using AWS for deploying the micro services
- Using Enterprise GCP Kafka for streaming events across the microservices
- Responsible for coding of **DAO** classes using **Spring** with **hibernate**
- Developed code compliant with design patterns for **Java** and **J2EE**.
- Involved in Coding of server-side components – Business Service and DAO.
- Involved in the validation of fields in Client side and Server side.
- Involved in design and development of show advisor's details, client account details as micro services using **Spring boot** and Deployed, Scaled, Configured.
- Developed and Integrated of **REST APIs** and services using JAX-RS.
- Test plans and **Unit Testing** using **Junit**.
- Configured Splunk for monitoring the logs and alerting mechanism.
- Configured AppD tool for alerting mechanism.
- Used spring batch to process large volumes.
- Using Google cloud platform(GCP) for deploying the micro services

Environment: Java 17, J2EE, Restful Web services, Micro services, spring, Java Script, REST API, PL/SQL, Junit, Tomcat, Rancher, Kibana, Cassandra, React JS, AWS, Apache Kafka, Spring batch, OAuth, GCP.

Project Information # 3

Client: IQVIA- India
Role: Technical Lead / Java Architect
Project: Centralized Monitoring

December 2016 - March 2022

Roles & Responsibilities:

- Involved in Development and business function implementation.
- Used **Spring 4 framework** to schedule the **JVM** to poll periodically for messages.
- Annotations are used for setting the **Spring Beans**.
- Used **JUnit** to conduct unit and integration tests.
- Optimized **SQL queries** to improve application batch performance. Used **DB2** indexes and run stats to achieve better performance.
- Involved in build and deploy of application into server.
- Used **hibernate** along with **Spring Data JPA** to manage database interactions.
- Using **Spring**, developed an independent component that calculates advisor leaders' compensation.
- Application is implemented using **agile methodology** where there are daily **SCRUM** meetings to understand the status and resolve any issues.
- Inter team co-ordination.
- Developed stored procedures, triggers, and functions with PL/SQL for Oracle database.
- Vaadin 7.7 framework for UI development
- Migrated code from Jdk 1.6 to Jdk 1.8.
- Deployed application on Azure cloud.

Environment: Java 1.6, 1.8, spring, Springboot, Micro services, Hibernate, Vaadin Junit, Linux, Java Script, SQL, Weblogic 12c, IBM WebSphere

Project Information # 4

Client: Huawei, -India
Role: Senior Software Engineer
Project: RBT (Ring Back Tone & SIP Servlets)

September 2012 – December 2016

Responsibilities:

- Involved in analysis, design and development of distribution resource system and developed specifications that include Use Cases, Class Diagrams, and Sequence Diagrams.
- Involved in Voice Xml for IVR development.
- USSD Simulator used for testing the USSD functionality.
- Developed the applications using Sip Servlets call flows like INVITE, 100 Trying, 180 Ringing, 200 OK, ACK, BYE, REGISTER, PUBLISH.
- Implemented IVR and USSD flows.
- Used html, Css, JSP and **JavaScript** for UI development.
- Used **SOAP web services** to exchange the data with backend application.
- Used Eclipse for writing code for **JSP, Servlet**.
- Proficient with multiple packages of the Core Java API, including Swing, printing, and imaging
- Implemented the application using the concrete principles laid down by several design patterns such as **MVC, Singleton, Data Access Object** and Factory.
- Deployed the applications on **weblogic Server**.
- Used Rest in the web service's request response data marshalling as well as unmarshalling process.
- Used **JDBC** to invoke Stored Procedures and database connectivity to **Oracle**.

Environment: Java,J2EE, JSP, VXML, Spring MVC, MySQL, HTML, XML, Eclipse, JBOSS, Hibernate, spring, LOG4J, SVN, Restful, Sip servlets, Linux, Postgres SQL.

Project Information # 5

Client: Huawei Vodafone, Bengaluru India

June 2011 – August 2012

Role: Software Engineer

Project: CWFMA (Customer Workforce Management System)

Roles & Responsibilities:

- Involved in Unit Testing.
- Worked with development team in development.
- Major Contribution in development of data fetch task to generate reports.
- Major Contribution in the development of Phone call (voice call).
- Involved in discussion of design of architectural details of application.
- Involved in individual contribution role.
- Performance tuning the application components.
- Review of code.
- Responsible for coding of **DAO** classes using **Spring** with **hibernate**
- Involved in Coding with **JSP** and **Servlets**
- Involved in Coding of server-side components – Business Service and DAO.
- Involved in the validation of fields in Client side and Server side.
- Developing Java applications using and deployed in oracle web logic 12c web server.
- Developed and Integrated of **REST APIs** and services using JAX-RS.
- Interacted with product owners, stakeholder to gather requirements, and prepare documentation on the same.

Environment: Java 1.6, Tomcat, CTI (Computer Telephony Integration). Servlets, JSP, REST API with Web Services

Project Information # 6

Client: Huawei Bengaluru India

March 2010 – June 2011

Role: Software Engineer

Project: SAP-CRM ICI (Integrated communication interface) Adapter

Roles & Responsibilities:

- Involved in Unit Testing.
- Worked with the development team in development.
- Major Contribution in the development of Phone call (voice call).
- Involved in discussion of design of architectural details of application.
- Involved in individual contribution role.
- Performance tuning the application components.
- Review of code.
- Responsible for coding of **DAO** classes using **Spring** with **hibernate**
- Involved in Coding with **JSP** and **Servlets**
- Involved in Coding of server-side components – Business Service and DAO.
- Involved in the validation of fields in Client side and Server side.

- Developing Java applications using and deployed in oracle web logic 12c web server.
- Developed and Integrated of **REST APIs** and services using JAX-RS.
- Interacted with product owners, stakeholder to gather requirements, and prepare documentation on the same.
- Developed stored procedures, triggers, and functions with **PL/SQL** for **Oracle database**.
- Developed Webservice components using **SOAP** and **REST** and integrated to the application.
- **JSON output** was tested using **POSTMAN**.
- **Rest API's** Integrated with mule.

Environment: Jdk1.6, Servlets, JSP, spring, Hibernate, Tomcat, REST API, PL/SQL, SOAP, JSON, CTI (Computer Telephony Integration), Web Services, IBM WebSphere

Education:

- Master of Computer Applications from Periyar University in 2009 Salem, Tamil Nadu, India.
- Bachelors in Mathematics from Sri Venkateswara University in 2006 Tirupati, India