Jaya Medikonda

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Professional Summary

- Results-oriented Senior Java Full Stack Developer with over 8 years of hands-on experience.
- Proficient in all phases of the Software Development Life Cycle (SDLC), including user interaction, requirement gathering, business analysis, and system design.
- Skilled in both Waterfall and Agile (TDD, SCRUM) methodologies.
- Extensive knowledge in Java/J2EE Design Patterns and core Java concepts.
- Proven expertise in Java technologies, including Spring Framework, Microservices architecture, and cloud platforms (AWS, GCP).
- Strong understanding of object-oriented JavaScript, front-end technologies, and databases.
- Specialized in developing and deploying Microservices using Spring Boot in AWS.
- Hands-on experience in building RESTful services with JAX-RS and integrating SOAP/RESTful web services.
- Proficient in frontend technologies: HTML5, CSS3, JavaScript, jQuery, AngularJS, ReactJS, VueJS.
- Demonstrated expertise in J2EE platforms, SOA integration using Mule ESB, and MEAN Stack development.
- Skilled in designing large-scale J2EE applications and implementing test cases with JUnit framework.
- Experienced in database management: MongoDB, Cassandra, MySQL, Oracle, MS SQL Server.
- Cloud platform experience: AWS, Google Cloud, OpenShift, Docker, Kubernetes.
- Adept at setting up CI/CD pipelines for Java and .NET applications using Jenkins and Azure DevOps.
- Proficient in Swing for desktop application development and creating Azure DevOps Pipelines.
- Excellent problem-solving skills, collaborative team player, committed to delivering high-quality software solutions.

Technical Skills

- **Java/J2EE Technologies:** Servlets, JSP, EJB, JDBC, JMS, Web Services, JSF
- **Programming Languages:** C, C++, Java, Core Java, React SQL, PL/SQL, UNIX Shells, XML
- **Application Servers:** WebLogic, IBM WebSphere, JBoss, Tomcat
- **ORM Frameworks:** Hibernate, JSF, IBATIS
- **Web Technologies:** HTML, HTML5, CSS, AJAX, jQuery, JavaScript, GraphQL, Bootstrap, Angular JS, Node JS, ReactJs, Redux
- **IDEs:** IntelliJ, Eclipse, STS
- **Application Servers:** WebLogic, WebSphere, Apache Tomcat, JBoss AS
- **Version Control:** GIT, CVS, SVN, Clear case
- **Framework:** Struts, Hibernate, Spring, Spring Boot, Spring MVC, Spring AOP, Spring IOC,

Spring DAO, Spring Security, Spring Batch, Spring JDBC
- ○ **Databases:** Oracle, MySQL, PostgreSQL, MongoDB, Cassandra
- ○ **Operating Systems:** Windows, LINUX/UNIX
- ○ **DevOps/Cloud Technologies:** Amazon Web Services (AWS), EC2, ECS, GCP
- ○ **CI/CD Tools:** Jenkins, Bamboo, Jira

Professional Experience

The HartFord   **Houston,Texas**
Senior Java Full Stack Developer   *10/2022 - Present*
Responsibilities:
- ○ First-hand knowledge in analyzing and creating business models, logical specifications, and user requirements for application solutions.
- ○ Designed, developed, and configured programs to implement software applications, packages, and components customized to meet specific needs and requirements.
- ○ Developed technical documents, maintained Confluence pages, and handbooks to accurately represent application design and code flow.
- ○ Hands-on experience in developing and implementing REST API using Python.
- ○ Designed and maintained databases using Python and developed Python-based API using MySQL.
- ○ Front-end development of Single Page Application (SPA) for Voice platform in Angular 5 framework, later updated to Angular 8, and then Angular 8/10/12.
- ○ Involved in developing code for obtaining bean references in the Spring framework using Dependency Injection and Inversion of Control (IOC).
- ○ Developed Spring Boot applications and microservices, deployed on AWS EC2 instances.
- ○ Used React JS to build UI components and developed filters to display different dimensions of data.
- ○ Developed a Single Page Application (SPA) for risk analysis and fraud impact prediction using React JS.
- ○ Gained knowledge on Electrode Platform, a NodeJS/Web platform built on ReactJS and HapiJS frameworks.
- ○ Developed applications using ReactJS components, Virtual DOM, Forms, Events, Keys, Router, Animations, and Flux concept.
- ○ Responsible for designing the User Interface by coding in HTML5, CSS3, AngularJS 8/910, TypeScript, Microservices.
- ○ Developed Graphical User Interface screens using Java Swing for an application.
- ○ Used Spring Boot for building cloud Microservices and developing spring-based applications with minimal configuration.
- ○ Implemented REST API Design Guidelines for microservices.
- ○ Integrated ActiveMQ and Spring JMS API to send and receive messages for the application's restful API.
- ○ Worked with container-based technologies like Docker, Kubernetes, and OpenShift.
- ○ Installation and configuration of Prometheus, Alert manager, and Grafana Stack for OpenShift platform monitoring and auto-healing.
- ○ Worked with a team configuring different alerts for Servers, OS, OpenShift Platform, components, and applications.
- ○ Developed REST APIs using Spring MVC and Spring Boot, hosted all microservices on PCF.
- ○ Created and configured dashboards and graphs based on Prometheus information for OpenShift

components.
- ○ Utilized Apigee to create and manage API gateways, manage APIs deployed, and analytics.
- ○ Deployed and configured Firewall Appliances (Barracuda, Palo Alto, Fortinet) to secure Azure Cloud.
- ○ Developed Build and Release pipelines in VSTS Implementation for DevOps CI/CD process.
- ○ Analyzed the volume of existing batch process and designed the Kafka Topic partition.
- ○ Developed Kafka Producer Consumer components for real-time data processing.
- ○ Creation of Prometheus-Grafana setup using Terraform/Ansible for various targets like Kafka, Spark, MySQL, node exporters, etc.
- ○ Utilized Apache Camel to integrate microservices and RabbitMQ messaging exchanges.
- ○ Involved in Regression Testing using Selenium on multiple browsers and environments.
- ○ Used Testing Annotations with Selenium scripts and used Maven integration tool to execute test scripts.
- ○ Worked extensively on SQL queries, MySQL, and TOAD tool.
- ○ Worked on creating new Linux Cron Jobs, Shell Scripts for SQL store, and expertise in Junit and Selenium Testing.
- ○ Worked on Migration of legacy EJB based SOAP APIs to Golang based services, REST Services.
- ○ Enhanced and fixed functional and performance-related bugs in the core product written in GO (Golang).
- ○ Involved in Test Driven Development, written automated unit test functions in Golang.
- ○ Onshore Team Leader reported to the scrum master and carried out sprints with the offshore team.
- ○ Followed Agile Methodology and led the Scrum Team using JIRA.

Environment: Java 8, JavaFX, J2EE, JDK, HTML/HTML5, CSS/CSS3, Spring 4, Spring Boot, Spring MVC, Hibernate, JavaScript, jQuery, PHP, AJAX, JSON, Angular 5/8/9/10/12, AngularJS, ReactJS, Bootstrap, Responsive design, RESTful, Multithreading, Apache Tomcat, Maven, MySQL, LINUX, Splunk, RabbitMQ, Selenium, NodeJS, Golang.

Advantech   **Irvine, CA**
Full-Stack Java Developer   *04/2021 - 09/2022*

Responsibilities:
- ○ Designed and developed the Integration, Business, and service layer that meet the business requirements.
- ○ Interacted with team members to understand the business domain and helped them in solving technical problems.
- ○ Worked in Android app development.
- ○ Designed, developed, configured, programmed, and implemented software applications, packages, and components customized to meet specific needs and requirements.
- ○ Implemented microservices architecture using Spring Boot. Developed and set up microservices for standalone systems like store services and exception services. Built Restful web API with Spring, Spring Boot, and testing APIs using Postman.
- ○ Involved in analysis and design phases of Software Development Life Cycle (SDLC) and followed Agile Methodology and led Scrum Team and used JIRA.
- ○ Used Spring framework to implement the MVC design pattern in the application.
- ○ Used Spring MVC architecture for the application development in Admin UI module and used AJAX with JSON for intensive user operations and Java Script for client-side validations.

- Experience in working with Angular 7 modules, services, templates, directives, services, and dependency injection to create a SPA and updated the application with new features of Angular 7.
- Worked on some of the new features of Angular 7 like Angular Elements, ng-templates, Drag and Drop.
- Worked extensively with Angular CLI for creating components, Services, pipes, Directives.
- Developed a feature in utility application and Verification Monitoring tool to verify the application statistics like consumers, loggers using Angular.JS, Node.js, and Bootstrap.
- Designed developed screens of RBH/CPM Module Ext JS 4.1.
- Developed reusable ExtJS components Such as Viewport, Panel, and Grids, etc.
- Designed the front-end applications and user interactive web pages using web technologies like HTML5, CSS3, Angular 5.0.0 and Typescript.
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
- Mainly involved in development and maintenance of the website using HTML5, CSS, Ajax, and jQuery, JavaScript, AngularJS and Node.js where I used Nodejs to structure JavaScript code to build endpoints.
- Involved in writing SQL scripts and creating backend database table for complex business operations. Participated in building web-services using SOAP that allowed integrating the business application with the legacy applications and facilitates for future applications.
- Exposure to Angular 2.x and TypeScript since the application was migrating from Angular 1.5 to Angular 2.x.
- Provided Hibernate configuration file and mapping files, also involved in the integration of Struts with Hibernate libraries.
- A web application for connecting care providers and members. This project includes a server application with data fetching requirements. We have exposed the services as Rest Web Services. We developed the backend system using NodeJS.
- Used Selenium Web Driver, Test automated test cases for regression test cases.
- Contributed in developing Automation Framework using Selenium Web Driver, and TestNG for getting reports.
- Used Reactive (RXJS library) for subscribing to observable responses received from http requests to backend Web API calls.
- Involved in building applications using ReactJS by building re-usable UI Components.
- Have extensive experience on React Js Components Forms, Events, Keys, Router, Animations and Redux concept.
- Have built React components as well which are standalone functions that are needed to be added to the future pages.
- Perform routine management operations, including configuration and performance analysis for MongoDB and diagnosing Performance Issues for MongoDB.
- Point in time Backup and recovery in MongoDB using MMS and data modeling for data from RDBMS to and MongoDB for optimal reads and writes.
- A user provision script developed using Nodejs which includes fetching files from SFTP server and creating users in LDAP and database using REST API calls.
- Implemented Spring framework (MVC) and developed Action Servlet and Action Form bean.
- Managed source repository using Git, Bitbucket and SVN for version control tools.
- Used CVS within RAD/WSAD to do source control.

- Used MuleSoft Connectors that include HTTP, File, Scatter Gather, Choice, Poll, Web service Consumer, Transform Message, Variable, Session variable, Splitter, Aggregator, batch, batch commit, batch execute, batch step to create API's.
- Involved in creation and deployment of the application, done with unit testing by writing the JUnit test cases.
- Good knowledge on Amazon Web Services (AWS), Amazon Cloud Services like Elastic Compute Cloud(EC2),
- Worked on automation and CI/CD processes with GitLab, Octopus Deploy, Code Pipeline using Jenkins.
- Implemented a Continuous Delivery pipeline with Jenkins and GitLab and AWS AMI's, whenever a new GitLab branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build.
- Utilize Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo DB tables, and EBS volumes.
- Simple Storage Service(S3), Amazon Simple DB, Amazon Cloud Watch, SNS, SQS, LAMBDA.

Environment: Java 8, J2EE, JDK 8, JavaFX, HTML/HTML5, CSS/CSS3, Ajax, Spring 3, Spring Boot, Hibernate, Web Services (SOAP), JMS, JavaScript, jQuery, PHP, AJAX JSON, Angular 2, AngularJS, Bootstrap, Dreamweaver, Responsive design, RESTful, Multithreading, Apache Tomcat, Maven, Scala 2.12, Spark, Hadoop, Amazon EC2, Amazon S3, VPC.

AGFA HealthCare   **Atlanta, GA**
Full-Stack Java Developer   *04/2021 - 09/2022*

Responsibilities:
- Developed presentation layer code, using HTML, CSS, AJAX, and jQuery.
- Maintained project documents and resources using Subversion (SVN).
- Involved in user interface design and development using AngularJS and JavaScript.
- Designed and developed the REST-based Microservices using the Spring Boot.
- Design, develop & deliver the REST APIs that are necessary to support new feature development and enhancements in an agile environment.
- Implemented Page Object Model automation framework with Selenium WebDriver, Java, and Cucumber.
- Coded and tested business objects for the above modules by utilizing J2EE (Servlets, JSP, JNDI, JDBC).
- Used JMS (Java Messaging Service) for asynchronous communication between different modules.
- Developed the Persistence layer DAO using Hibernate, developed the Business layer using Spring (IOC, AOP, DTO).
- Involved in unit testing, troubleshooting, debugging, and modifying existing programs with enhancements.
- Dealt with and resolved issues around Gradle for handling the backend Microservices.
- Setup and maintenance of Postgres master-slave clusters utilizing streaming replication.
- Developed the project using industry-standard design patterns like Singleton, Business Delegate Factory Pattern for better maintenance of code and re-usability.
- Writing end-to-end flow, i.e., controllers' classes, service classes, DAOs classes as per the Spring MVC design and writing business logics using core java API and data structures.
- Used Spring MVC framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.

- Developing application module coded on Spring Batch and Apache Camel.
- Performed Query operations on NoSQL database Cassandra for storing and loading data of customers.
- Designed and integrated the full-scale Hibernate persistence solution with the application architecture.
- Written Jenkins pipeline template script in Groovy programming language for the automation of build and deployment process.
- Created Groovy scripts to extract transaction volume information and email to management on a daily basis.
- Worked with the defect tracking system Clear Quest.
- Worked with IDE as Spring STS and deployed into Spring Tomcat Server and used Maven as a build tool.
- Responsible for code sanity in the integration stream used Clear Case as a version control tool.
- Experience using Postman to test Web Services.

Environment: Java, SVN, HTML, CSS, Ajax, jQuery, AngularJS, JavaScript, Spring Boot, Agile, Rest API, Spring JMS, IBM MQ, Hibernate, Spring IOC, Spring AOP, Spring DTO, JSON, Micro Services, Core Java, Data Structures, Spring Batch, Apache Camel, Jenkins, Spring MVC, Groovy, Cassandra, Clear Quest, Maven, Clear Case, Postman, Gradle, Postgres, Selenium Web Driver, Cucumber.

Giant Eagle   **Pittsburgh, PA**
Full-Stack Java Developer   *02/2018 - 05/2019*

Responsibilities:
- Designed and Developed J2EE web-based consumer applications using Spring, DHTML, and Ajax.
- Developed UI screens using HTML, CSS, JSP, and JavaScript.
- Used Apigee to create and manage API gateways for modern connected apps and legacy applications.
- Developed the application using Java Server Faces Ext JS tag libraries and used Ext JS 3.x and Spring together with Ext Direct.
- Architected, designed, and implemented a Single Page Application (SPA) in AngularJS with JSON from a Spring MVC, using Spring Security for application security.
- Developed Struts form beans, action classes, JSPs, and tiles following Struts framework standards.
- Integrated Mule ESB system using Active MQ, Http, File system, and SFTP transports.
- Designed and developed mediation flows for various use cases using MuleSoft Anypoint Studio of Mule ESB.
- Implemented a microservices architecture with Spring Boot-based services interacting through REST and Apache Kafka endpoints.
- Developed new libraries with microservices architecture using Rest APIs and Spring Boot.
- Worked extensively with Angular CLI for creating components, services, pipes, directives.
- Upgraded from Angular 4 (Webpack) to Angular 5 (Angular CLI).
- Implemented nested views and routing using Angular UI Router.
- Developed GUI using JSP, HTML, and AngularJS, and created reusable components in AngularJS using Custom Directives Filters, Services, and Partials.
- Used Spring JMS to post messages to MQ.
- Defined new validations through AngularJS for form field validation implemented through HTML5.
- Developed and maintained the website using HTML5, CSS, Ajax, jQuery, JavaScript, AngularJS,

and Node.js.

○ Developed features in utility applications and Verification Monitoring tools using AngularJS, Node.js, and Bootstrap.
○ TSQL Programming, data decomposition diagrams, data flow diagrams, and writing code for database access, modifications, and constructions including stored procedures.
○ Worked with Google Cloud services such as Apigee, Anvato, Hire, Firebase.
○ Experienced in Embedded SQL and C Sybase Open servers and remote Procedures.
○ Supported existing applications of DTCC RISK engine (FIR, IMM, NYPC VAR, SPAN, etc.).
○ Involved in writing queries, stored procedures, and modifications to the existing database structure using Perl scripting for data validation, transformations, routing, and messaging using ActiveMQ and JMS.
○ Worked on MongoDB concepts such as locking, transactions, indexes, shading, replication, and schema design.
○ Configured WebSphere servers, database connections, and participated in backend Database programming using Oracle and developed SQL Queries using Toad for SQL Server.
○ Used AngularJS Routing for navigation between nested HTML views and created AngularJS custom directives for DOM manipulation.
○ Created Spring MVC components like Dispatch servlets, configure Request mapping annotation controllers, view resolver components, and implemented transaction management using Spring declarative transaction management with Spring AOP concepts.
○ Implemented version controlling using SVN and used Jenkins for continuous integration.
○ Wrote build & deployment scripts using Ant, Maven on UNIX environment.
○ Expert knowledge of Microsoft proprietary SCOPE language specification for Microsoft Internal COSMOS platform.
○ Used GIT for version control and eclipse as the IDE, Rational Clear Quest for defect fixing.
○ Guided and mentored new contractors to understand the application.

Environment: Java 1.7/J2EE, Struts Framework 2.0, JDK, HTML/HTML5, CSS/CSS3, Ajax, Angular UI, jQuery, ExpressJs, JavaScript, AngularJS, Node.js, Bootstrap, Oracle, JSP 2.0, Spring 3.0, Hibernate 3.0, PL/SQL, JMS, RESTful, Multithreading, WebSphere, Apache, Maven, AWS EC2, Dynamo DB, EBS, S3.

Innoplexus   **Pune, India**
Full-Stack Java Developer   *05/2016 - 01/2018*
Responsibilities:
○ Involved in developing user interface with HTML5, CSS3, SAAS, JSON, AJAX, and on server-side Technology with Node JS.
○ Used Bootstrap front-end framework for faster and easier web development. Design website and maintain the website content up to date.
○ Developed the DAO layer for the existing applications using Spring, Hibernate and developed various business logic and reports using HQL and Hibernate Criteria.
○ Providing support for implementation, troubleshooting and updates of applications on Linux/UNIX servers.
○ Worked on developing POJO classes to map database tables with java objects.
○ Developed Single page applications and Custom Directives using Angular 2.0.
○ Used OAuth 2 which is a lightweight authentication framework with a central authorization server and generates an access token to access a protected resource on a resource server.

- Designed and developed Spring Boot adapter applications using rest API.
- Developed RESTful service interface using Spring Boot to the underlying Agent Services API and Implemented RESTful web services.
- Used SOAP UI for testing and automating the Web services by sending SOAP requests.
- Configured the crosscutting concerns like logging, auditing, security using Spring Aspects and Security.
- Implemented spring as a web framework and Hibernate as database ORM framework.
- Used Spring Boot which removes boilerplate configuration and makes application faster.
- Developed some standalone Microservices using Spring Boot micro service architectural patterns.
- Used Spring Boot properties like actuators and health checkers to enhance micro service implementations.
- Documented Spring RESTful APIs with Swagger to help customers better understand APIs.
- Integrated spring with Hibernate for data access from MySQL Database.
- Unstructured data was handled using Cassandra DB and used Cassandra Connector for connection.
- Composed and executed Cassandra DB scripts and queries to fetch and test data from NoSQL databases.
- Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of vital information between multiple business applications.
- Used Jenkins for continuous deployment and integration of the build and release process.
- Extensively used GIT for version controlling and regularly pushed the code to GitHub.
- Used MAVEN for building the project, dependency and documentation which is based on POM (project object model).

Environment: Angular JS, HTML5, CSS3, JSON, XML, Active MQ, JMS, Hibernate, JAX-RS, JPA Framework, Spring Rest, Spring MVC, Spring Security, Hibernate, Spring Transactions, Spring Batch, Spring IOC, Mule ESB, Jenkins, Git, Active MQ, Jenkins, JIRA.