**Ojasri Y**

**Sr. Full Stack Developer 609-973-8471**

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# **Professional Summary:**

* 9+ years of experience in the Design & Development of Enterprise Applications, Web Applications, and Web Services in Java/J2EE and related technologies.
* Having good experience in **MEAN** **Stack** (Mongo DB, Express.js, Angular.js, Node.js) applications.
* Expertise in using Node JS, Express JS, and Mongo DB along with Mongoose.JS to create server-side applications.
* Strong experience in XML-related technologies including XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, XML-RPC, and XML Beans.
* Extensive experience in Java J2EE technologies using Core Java, Java collection, JDBC, Threads, Spring Framework (Spring Boot, Spring Batch), Struts Framework, Hibernate, Servlets, DHTML, CSS, JMS, JSTL, Display Tag (Custom Tag), Ajax, Java Script.
* Expertise in using HTML5, CSS3, XML, XSL, XSLT, JAXP, JAXB, JAVASCRIPT, JQUERY, JSON, JSTL, Backbone JS, PHP, Express JS, Ext JS, React JS, Node JS and AJAX meeting W3C standards.
* Experienced in web development using HTML, DHTML, XHTML, CSS, JavaScript, DOJO, Angular JS, and AJAX technologies.
* Extensive experience working in Test-Driven Development and Agile-Scrum Development.
* Experience in working in both Windows and UNIX platforms including programming and debugging skills in UNIX Shell Scripting.
* Used Spring AOP terminologies to handle transaction management and address the problem of cross-cutting concerns.
* Provided authentication and authorization by using Spring Security and OAuth2.0. Configured applications with SiteMinder to enable single sign-on.
* Worked with Apache Kafka for stream processing and used Apache Broker to receive messages which runs in the **Kafka Cluster**.
* Used Zookeeper as Service Registry for Spring Boot applications, enabled auto proxying by configuring Zuul Gateway and provided proxy requests routes on REST Services.
* Implemented Load Balancers to enable traffic on REST services and configured Load Balanced Client.
* Responsible for React UI and architecture. Building components library, including Tree, Slide-View, and Table Grid.
* Working with Angular 9 to create web components. Developing test cases using Jasmine and Karma.
* Worked with HTML, CSS3 where we used features such as creating borders and background and used LESS/SASS preprocessor.
* Involved in working with Bootstrap 4.0 and Responsive Design to create pages responsive in state.
* Worked on React JS Virtual Dom and React views, rendering using components which contain additional components called custom HTML tags and React-Router for programmatic navigation.
* Implemented various React lifecycle hooks like use State, use Effect, use Context, use Reducers, use Callback, and use Memo and proficient in writing react code with help of ECMAScript (ES6) and JSX.
* Worked with React JS Keys, Router, Animations, and Axios components with child function callback.
* Used MongoDB to retrieve most recent transactions of the users.
* Generated reports using Jasper Reports and interactive visualization using tools such as D3.js.
* Developed Applications using Rule Engines-Jboss Drools 4.x, Workflows, Human tasks to implement Business rules validations and provided Drools Dashboard for Business users.
* Configured AWS Lambda service for running lambda functions and automatic management of underlying compute services.
* Installed the application on AWS EC2 instances and configured the storage on Amazon S3 buckets.
* Worked with Amazon Cloud Watch for monitoring and managing the data to get insights of the data.
* Have good knowledge in working with Amazon Elasti Cache which allows to set up, run, and scale compatible in-memory data stores.
* Knowledge in Kubernetes Linux container for deploying, scaling containerized applications with the help of Amazon EKS.
* Deployed the application as a microservice into Docker container and made it easily accessible at runtime using AWS services like EC2.
* Implemented Continuous Integration and Continuous Deployment (CI/CD) using Jenkins. Configure setup for Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs.
* Performed automation testing with the help of TestNG along with Cucumber and j Behave based on Behavior Driven Development.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
* Developed GIT to track and maintain the different versions of the project.
* Experience in designing, developing, and deploying J2EE applications on Web sphere, Web logic, Apache Tomcat, and JBoss application Servers.
* Experienced in Web Services approach for Service Oriented Architecture (SOA).
* Experienced with Akka building high-performance and reliable distributed applications in Java 8.0 and Scala.
* Sound working knowledge of performance tuning in JAVA and J2EE including hibernate tuning
* Experience in using various Configuration Management tools like CVS, GIT, and SVN.
* Experience in using the ANT tool, Maven to compile, package and deploy the components to the Application Servers.
* Experience in deploying, configuring, and administering application servers such as IBM WebSphere, WebLogic, JBoss, JAX-WS, Glassfish, and Apache Tomcat.
* Expertise in developing and consuming Web services including different technologies and standards like DTD, XSD, SOAP, WSDL, JAX-RPC, JAX-WS, WS-I and Apache Axis, and JAX-RPC.
* Good knowledge of Restful Web Services.
* Expertise in the design and development of various web and enterprise applications using Type safe technologies like Scala.
* Good Knowledge of using IDE Tools like Eclipse, NetBeans, JBuilder, and Rational Application Developer (RAD) for Java/J2EE application development.
* Experience in installing, configuring, tuning IBM Web Sphere 6.x/5.x, Apache Tomcat 5.x/6.x, JBOSS 5.x/4.
* Proficiency in working with databases like Oracle, MySQL.
* Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* Experience in Unit testing using JUnit, and Selenium.
* In-depth knowledge of PL/SQL with experience in constructing triggers, tables, functions, user-defined data types, procedures, etc.
* Exposure to Oracle, DB2, and MySQL databases in developing applications using SQL Scripts, Stored Procedures.
* Good Knowledge of designing, deploying and operating highly available, scalable and fault tolerant systems using AWS and Azure.
* Experience with configuration tools CVS, Clear, and Tortoise SVN developing on Linux, and Windows Operating Systems.
* Extensive experience in developing Web Services applications using REST Client, REST API, SOAP UI, and dozer mapper.
* Experience with web development technologies like HTML, CSS, jQuery, AngularJS, JavaScript, JSP, and JSON.

# **Technical Skills**

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| **Programming Languages** | Java 7, Java 8, Java 11, J2EE |
| **Web Technologies** | HTML5, CSS3/4, JavaScript, jQuery, Angular 4/8/9, TypeScript, |
| **Java/J2EE Technologies** | Servlets, JSP, EJB, JDBC, JSF, Struts2, Swings, AWT, Applets. |
| **Spring Frameworks** | Spring Boot, Spring MVC, AOP, IOC, Spring Security, Spring Batch |
| **Application/web Server** | WebLogic Server, Apache Tomcat, WebSphere, JBOSS |
| **Messaging Services** | JMS, Rabbit MQ, Active MQ. |
| **O-R MAPPING** | Hibernate |
| **Data base** | Oracle, DB2, MySQL, MongoDB, Cassandra, SQL |
| **Cloud Environments** | Azure, Pivotal Cloud Foundry, AWS, Netflix Eureka |
| **Version Control** | GIT, Bit Bucket, SVN |
| **Web Services** | SOAP – WSDL, JAX-WS, RESTful – JAX-RS, Jersey |
| **Methodologies** | Agile, TDD, waterfall model |
| **Testing Tools** | Junit, Jasmine, TestNG, Mockito, Protractor, Jenkins, Selenium, Cucumber, Log 4j2 |
| **Tools** | Kubernetes, Docker, Ansible, Apache Camel, |
| **IDE and Build Tools** | Eclipse, IntelliJ, NetBeans, Toad, SQL Navigator, Ant, Gradle, Maven |

# Education

* **Bachelors from Rajiv Gandhi University of Knowledge Technologies- IIIT\_Basara\_2014**

# **Professional Experience**

**Client: Apple May 2023-till date**

**Location: Texas, USA**

**Role: Tech Lead**

**Responsibilities:**

* Extensively used Java8 features such as lambda expressions, Parallel operations on collections, multithreading and effective sorting mechanisms. Working on the different LOBs.
* Used Junit for unit testing and implemented Log4j 2 to provide logs of exceptions. Used GIT as a version control system and Splunk to monitor logs.
* Participate in discussions with the customer to gather information and requirements.
* Radar is the ticketing tool for bug tracking and maintain bugs/issues.
* Used Rest Controller in the Spring framework to create RESTful Web services and JSON objects.
* Implemented business logic using Core Java features like HashMap, Tree-Map, List-Iterator, Thread Pool and Reflection API.
* Recommend and develop a strategy for integrating internal security models into new projects with Spring Security and Spring Boot.
* Involve in creation of technical design documents and review of low-level design document as part of application re-engineering.
* Used Spring IOC, AOP, and Spring Boot to implement the middle tier. Created reusable components as spring aspects to use across the application.
* Used Maven as a build and dependency management tool for creating WAR and JAR files to be deployed in application servers and integrated with GitHub, and Jenkins Jobs.
* Writing automated JUnit test cases using frameworks like Mockito and Spring tests. And, Message Driven Beans to send email notifications.
* Conducted thorough unit testing and participated in code reviews to ensure code quality and
* maintainability.
* Participated in sprint planning and backlog refinement sessions to estimate effort and prioritize user stories.
* Involved in configuring Elastic Load Balancers with Auto scaling to handle high-traffic loads.
* Worked with Open APIs for various coupling functionalities.
* Involved in building and deploying scripts using Maven3.3 to generate WAR, EAR, and JAR files.
* Experience in handling messaging services using Apache Kafka.
* Strong knowledge on Cassandra DB. Implemented **Microservices** based Cloud Architecture on **AWS** Platform.

Environment: Java 8, java 11, AWS, Spring boot, Spring Frameworks, Docker, Kubernetes, Radar system, LOBs, Junit, Cassandra DB, Kafka, Elastic Search, Git-hub, Spring Security, Swagger, Maven, Automation, REST Ful APIs, Microservices.

**Client: NTT DATA, INDIA. Jan 2022 to Jan 2023**

**Role: Consultant**

**Responsibilities:**

* Collaborated with team on implementing new features in an **Agile** environment.
* Building interactive modern user interfaces with **HTML5 / CSS4 and TypeScript / JavaScript, Angular.**
* Building custom advanced data visualizationwith**D3.js**.
* Developing working prototypes from UI designs and building reusable code and libraries.
* Developed custom modular components and services using **Rx-JS**, **Ng-Rx**, **Angular Material**, **Typescript** to implement key functionalities.
* Working with **Angular 9** to create web components. Developing test cases using **Jasmine and Karma.**
* Extensively used **Java8**features such as **lambda expressions**, **Parallel operations on collections**, multithreading and for effective sorting mechanisms.
* Used **Java8 features** like **Parallel Streams, Lambdas, functional interfaces,** and **filters.**
* Built reactive **RESTful Microservices** using **Java 8** and Java frameworks **Spring Boot**, **Spring Web.**
* Used**Spring Boot** for building applications with **Spring initializers** and bootstrapping the build configuration and develop custom solutions that act upon **Jenkins** information in authentic time.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security** and **Spring Batch.**
* Worked on **Spring quartz** for scheduling tasks to generate reports.
* Develop strategy for integrating internal security model into new projects with **Spring Security and Spring Boot**
* Implemented middle tier using **Spring WEB and Spring Boot**. Created reusable components as **spring aspects** to use across the application.
* Used **Spring Boot Actuator** to monitor and manage the application in production environment.
* Used Rest Controller in Spring framework to create **RESTful Web services** and **JSON** objects for communication.
* Design and develop **REST** based **Microservices** to support UI components.
* Implemented **Microservices** based Cloud Architecture on **AWS** Platform.
* Developed **Microservices** with **Spring Eureka** to retrieve API routes for the entire cluster.
* Used **Hibernate** as an Object-Relational Mapping ORM tool to store the persistent data and for communicating with Oracle database.
* Designed and implemented data relational mapping for web apps using **Hibernate** adaptors.
* Extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty checking, locking and transactions.
* Experience on **Angular CLI** to Run/Build/Test the code using commands.
* Experience in creating reusable Components, Services, Directives and Pipes in **Angular.**
* Used Angular JS to develop client-side applications using JavaScript in a clean Model View Controller (MVC) way.
* Used **AWS** cloud watch in maintaining and monitoring of production and corporate storages.
* Worked on spinning up **AWS** EC2instances, Creating IAM Users and Roles, Creating Auto Scaling groups and Load balancers and monitoring through Cloud Watch for the applications, S3 buckets, VPC etc.
* Used Spring **JPA** to design entity data mapping with **Oracle DB.**
* Created **Docker** containers and Docker consoles for managing the application life cycle.
* Managed **Docker** using **Kubernetes** and used **Kubernetes** for service discovery.
* Used **Jenkins** pipelines to drive builds to the Docker registry and deployed to **Kubernetes.**
* Experience in transferring data from different data sources using **Kafka** producers, consumers, and Kafka brokers.
* Incorporated **Apache Kafka**, **Elastic** Search, **MongoDB** and **PostgreSQL** to the project.
* Used Spring **Kafka API** calls to process the messages smoothly on **Kafka** Cluster setup.
* Developed **RESTful services** using **JAX-RS**, spring frameworks.
* Developed prepared statements using **NoSQL, SQL** queries.
* Started frontend application with **React** and used state of object **React** Class Component for general stateful management.
* Familiarized with **Angular** CLI for building and creating component. Services, modules and initialized routing functionalities.
* Worked system logging using Elastic search, Kibana Logstash to create dashboards in Splunk and Kibana.
* Deployed the Application into **Docker** container and made easily accessible at runtime using cloud services like **AWS, Netflix Eureka** for load balancing and a broker service to maintain status **using Spring Kafka**

**and Zookeeper.**

* Use Java unit testing frameworks like **Mockito** to serve code coverage extensively. Used **Junit** for unit testing and implemented with **Log4j 2** to provide logs of exceptions.
* **DevOps** experience with Jenkins, GitHub, Docker.
* Used **GIT** as version control system.
* **JIRA** as the bug tracking system to track and maintain bugs/issues.

**Environment:** Java 7**,** Java 1.8, J2EE, Spring Boot Framework, RESTful Services, Microservice, MongoDB, Spring Security, Hibernate, Spring MVC, DevOps, Apache Kafka, HTML5, CSS4, JSON, SASS, ES6, TypeScript, Angular 9, Oauth2, XML, JavaBeans, AWS, Docker, Oracle, SonarQube, Swagger, Elastic Search, Kibana, Netflix Eclipse, Maven, Junit, Jasmine, JIRA, GIT, Jenkins, Log 4j 2, Agile.

**Project: Siker Info Tech Pvt Ltd, India March 2018 to Jan 2022**

**Role: Java Developer**

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of **Software Development Life Cycle (SDLC).**
* Used the fundamentals of **Java 8** features like parallel streams and filters through lambda expressions to handle searching.
* Used **Spring MVC** framework at web tier level to isolate each layer of the application so that the complexity of integration will be reduced, and maintenance will be very easy.
* Worked on **spring modules** like Dependency Injection, Aspect Oriented Programming and Spring Mail, Spring JMS and Spring Security.
* Worked Jenkins Continuous Integration and continuous deployment **(CI/CD)** on **AZURE** and building docker images in **AZURE**.
* Experienced on version control software like Git and experience with Heroku pipelines for continues delivery
* Good experience with Apache Tomcat as server and Heroku cloud platform service for deploying application.
* Used Rails, AJAX, CSS and AngularJS to design the front end of the application. Back end of the Application is developed mainly using Active Records.
* Developed and tested many features in AGILE environment using Ruby on Rails, HTML5, CSS3, JavaScript, Bootstrap.
* Used Active Records for Database Migration and involved in using Active Resources, Fixtures, Action View and Action Controller in Rails framework.
* Developed **Micro services** using **Spring Boot** and deploying Micro services into **AWS** cloud using **Jenkins.**
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** to build, test and deploy identity Micro services.
* Involved in connecting all Micro services built on **Spring Boot** to form the application.
* Used **Hibernate framework** in persistence layer for mapping an object-oriented domain model to a relational database.
* Good understanding of Cloud computing, **DevOps** principles with maintaining Continuous Integrations, Continuous Deployment in multiple environments.
* Experienced working on **DevOps**/Agile operations process and tools area (code review, unit test automation)
* Built centralized logging to enable better debugging using Elastic Search Logstash and Kibana. Identifying the problem areas by using elastic search **Kibana** with Logstash to import .csv files. Using Solr over Lucene index provided a full text search for analysis and quantification
* Involved in Writing **JPA/Hibernate** queries.
* Developed **Angular 2** factory and services to implement dependency injection.
* Designed Single page web applications using **Angular.JS** and deployed into development.
* Used **Node.JS** for server-side rendering. Implemented modules into Node JS to integrate with designs and requirements.
* Used **JMS (Java Mailing Service) API** to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Generated the required **XML** files to transfer data between the server and the web pages.
* Fetching the records for SOAP and Restful requests from Oracle DB using **SOLR** research.
* Used **AWS** **(Amazon Web Services)** Deploying, managing and operating scalable, highly available, and fault tolerant systems.
* Worked with Angular 8, HTML5, CSS3, JavaScript, Prime-NG and Bootstrap, TypeScript and RXJS (reactive extension) to develop single page applications.
* Worked on **React JS for** creating interactive **UI’s** using one-way data flow, virtual DOM, JSX, React concepts.
* Identified and created indexes, mappings and data in Elastic search and used Elastic Search REST API's both single and multi-document API's. APIs like Index, Multi Get, Bulk etc.
* Implemented and managed continuous delivery systems and methodologies on **AWS.**
* Involved in developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Docker.**
* Developed **EJB MDB’s** and **message Queue’s** using **JMS** technology.
* Responsible for development of web pages using HTML5, Java script, J-Query, **react JS** Immutable JS including Ajax controls and JSON.
* Worked with Open shift platform in managing **Docker** containers and **Kubernetes** clusters.
* Implemented the logging using **log4j** framework which is used to log both User Interface and Domain Level Messages.
* Worked on running integrated testing using **JUNIT** for building the data structures required for the Web Service.
* Using **Azure Functions** to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* **Azure** function of creation of Storage Accounts.
* Involved in **Azure** network security implementation.
* Developed **CI/CD** systems with **Jenkins** on **Kubernetes** environment, utilized **Kubernetes** and **Docker** for the runtime environment for the **CI/CD** system to build, Test and Deploy.
* Used **Jenkins** for Continuous Integration and deployment into WebLogic application Server.
* Using **SOA**architecture with **SOAP**, Restful Services and used **XML**for message communication.
* Used **MongoDB** as a **NoSQL** for storing **JSON** data.
* Wrote **SQL queries** and Stored Procedures for**Data Access Objects** (DAO) and executed using hibernate. Involved in writing, complex queries, mapping persistent classes and managing the mapping files.
* Followed **Agile** methodology for scheduling of the project and better team dynamics.
* Used ***Kafka*** to stream real time data to ***Hadoop*** for analysis
* Participated in the status meetings and status updating to the management team.
* Built centralized logging to enable better debugging using Elastic Search Logstash and Kibana. Identifying the problem areas by using elastic search Kibana with Logstash to import .csv files. Using Solr over Lucene index provided a full text search for analysis and quantification

**Environment:** Java 7, Java 8, spring, MVC, Spring Boot, Hibernate, Micro Services, REST, Bootstrap, HTML5, CSS3, JavaScript, Angular, DevOps, Azure, Angular 4/2, Angular.JS, Node.JS, Docker, Kibana, Kubernetes, Jenkins, AWS, GIT, EJB, Log4j, JUnit, Jenkins, XML, SOAP, MongoDB, SQL, Ruby on Rails, Heroku, Agile and Windows.

Project: KonkaSoft Technologies Pvt Ltd, India Aug 2014 to March 2018

Role: Java/J2EE Full Stack Developer

Responsibilities:

* Involved in Scrum meetings, Sprint planning and estimation of the tasks for the user stories.
* Involved in various SDLC phases like Requirement gathering, Design, Analysis and Code development.
* Used XML Web Services using SOAP protocol to transfer the amount to other application that is remote and global to different financial institutions
* Wrote code Web Services (JAX-WS) for external system via SOAP/HTTP call and to fetch data from web services via JSON response and updating HTML pages.
* Used Web services (SOAP, REST) for transmission of large blocks of data over HTTP.
* Involved in connecting all Micro services built on **Spring Boot** to form the application
* Implementing a Continuous Delivery framework using Jenkins, CHEF, Maven in Linux environment.
* Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins.
* Implemented **micro services**-based architecture using **Spring Boot** interacting through **REST API**
* Designed and developed **RESTful Web Services using Spring Boot**
* Experienced with automating release process using Maven, Jenkins, and Jira as tools in diversified project environment.
* Responsible for design of WSDL files and schemas. Designed and hosted SOAP based Web Services.
* Working on AWS Auto Scaling for providing high availability of applications and EC2 instances based on the load of applications by using Cloud Watch in AWS.
* Used Java8 features like stream and Lambda expressions.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Implementing a Continuous Delivery framework using Jenkins, CHEF, Maven in Linux environment.
* Experience with CI (Continuous Integration) and CD (Continuous Deployment) methodologies using Jenkins.
* Implemented **Angular 4 directives, expressions, routing capabilities** for **bookmarking**, **filters, validations** and **Angular UI components, Components, ng-Modules, Providers, Services,** and **classes** for **navigation** respectively.
* Experienced with automating release process using Maven, Jenkins, and Jira as tools in diversified project environment.
* Experienced in all phases of SDLC using JAVA, J2EE (Servlets), MVC Framework, Spring, Hibernate, XML, JDBC, Webservices, SOAP, REST, WSDL, XML, Linux technologies.
* Working with Project Management Team Foundation Server, SharePoint, Microsoft Project, and JIRA and source code version control SVN environment.
* Worked system logging using Elastic search, Kibana Logstash to create dashboards in Splunk and Kibana.
* Proposed and developed Mainframe based tools to automate daily processes and tune existing system performance.
* Used GIT for version control, experience with GIT-Bash and GIT-Hub.
* MQ Visual Browse supports 3rd party security exit for connecting to remote queue managers.
* Ability to open and display multiple queues from multiple queue managers.
* Ability to open (subscribe) and display multiple topics from multiple queue managers.
* Designed and developed custom message adapter components using **Apache Kafka** that allowed messages to travel through **Microservices** to base on RESTful API utilizing Spring Boot with Spring **MVC**.

**Environment:** Java and J2EE design patterns, Java7, Java 8, JIRA, Jenkins, Git, Git Bash, SOAP UI, MQ Visual Browser, Mainframe, Angular, GUI URL access, DB2, AWS, Squirrel SQL Browser version, My Eclipse, Linux (Putty).