**Likhitha Panasa**

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**PROFESSIONAL SUMMARY:**

* Over 7+ years of professional working in design, development, maintenance, and support of Java/J2EE applications.
* Extensive experience in using different applications development frameworks based on ORM/JPA, MVC, IOC, AOP like Hibernate and Spring.
* Experience in Developing Web Interface using Servlets, JSP, HTML5, CSS3, jQuery, JSON, Ajax, Node JS, Angular JS and Bootstrap.
* Expertise in developing critical and responsive GUI/Front End components using HTML, DHTML, CSS3, JavaScript and AJAX.
* Diverse experience utilizing tools in Microservices architecture applications using Spring Boot, Spring Cloud config, Pivotal Cloud Foundry, AWS, Rabbit MQ, Kafka, Cassandra, My SQL, Restful Web Services.
* Experience in using Java, JEE, J2EE design Patterns like Singleton, Factory, Prototype, Filter, Command, Intercepting, MVC, Data Access Object, Front Controller, Business Delegate, and Transfer Objects for reusing most effective and efficient strategies.
* Expertise in using Spring framework, Spring web MVC and Spring IOC for developing integrated applications and different light weight business components.
* Expertise in publishing and consuming JAX-RS, JAX-WS web services based on REST, SOAP, JAXB, XML/XSLT and WSDL.
* Experience implementing Cloud based Linux OS in AWS to Develop Scalable Applications with Python
* Experience developing service components using JMS, JDBC and Web Services based on JAX-WS, JAX-RS etc.
* Strong work experience in Web based application development, Database programming, distributed computing, Server-side programming, and Client Server computing in multi-threaded software systems using Java and XML parsing.
* Extensive experience in writing SQL queries for Oracle, DB2 databases
* Expertise working on Application servers and Web servers like Tomcat and WebLogic.
* Good knowledge and working experience in using ANT and Maven build tools in building and deploying the application in web/App servers.
* Good knowledge and hands on experience in Log4J and in using version control tools like SVN and Git.
* Good Knowledge in Unit testing development using JUnit.
* Experience in working in environments using Agile (SCRUM) and Waterfall.
* Experience in working with multiple Operating System like Windows, Linux.
* Strong Object-Oriented Analysis and Design, ERD documentation, UML artifacts modeling with Rational Rose.
* Ability to work independently and in a group with effective communication and quantitative skills. Energetic, Inquisitive, Quick learner, Good Team Player and committed towards goal.

**TECHNICAL SKILLS*:***

**Programming:** Java/J2EE (JSP, Servlets, JSTL, and other java related technologies)

**Web Services:** SOAP, Microservices, JAX-RPC, WSDL, JAX-RS JAX-WS, UDDI, JAX-B, CFX, Restful.

**IDE:** Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD)

**Web Servers:** JBoss, Web Logic, Web Sphere, Tomcat, Jetty, Apache

**Web Technologies:** JSP, Servlets, AngularJS, jQuery, React.JS, Node.JS, EJB, Hibernate, Struts, Spring, JDBC, HTML5, DHTML and XML, CSS3, Web Services, WSDL, SOAP, MQ Series, Apache Camel, Kafka, Spring Boot, Scala, Express.js.

**Databases:** Oracle, MySQL, MSSQL Server, Sybase, PostgreSQL, MongoDB

**Database Tools:** SQL Developer, DB Artisan, TOAD, MSSQL Server Management Studio.

**Cloud:** AWS EC2, S3, RDS, Pivotal Cloud Foundry.

**Tools and Framework:** Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, JSF, JUnit, SOAP UI, J Report, Rational Rose, IBM MQ, RabbitMQ, Spring Boot, Django, Kafka, Flask, Angular JS, Docker, HIPA.

**EDUCATION:**

* Master of Science in Computer Engineering from Cleveland State University, Ohio, USA, Aug 2023.
* BTech in Computer Science from JNTUK, INDIA – 2016

**PROFESSIONAL EXPERIENCE:**

**Aug 2022 – Present Full Stack Java Developer***,*

**Forge Technologies INC**, **Truist Bank, Texas.**

* Performed the requirement analysis by interacting with key stakeholders to get a better understanding of the scope and deliverables of the project.
* Worked in all the phases of Software Development life cycle (SDLC) using Agile Scrum Methodology.
* Created application using responsive web design, Angular 8, HTML5 and Bootstrap4.s
* Designed and developed presentation layers using CSS, HTML, jQuery and Java Script, Json in UI pages.
* Optimized the performance of application using Angular 8 new features and packages.
* Developed application using concepts of Single page application using Angular 8, Angular CLI commands.
* Used Angular forms to validate fields and created custom validator directives and updated pages using HTML5, CSS3 in Angular 8 framework.
* Developed the application with Angular libraries ng2-datepicker, Angular/material, Angular Web pack.
* Developed Spring Boot based Web application to launch as Microservices project, code a Message utility module for external system to call EIH Hornet Q/Mongo DB object by way of Web Service/REST request.
* Converting existing AWS infrastructure to serverless architecture (AWS Lambda) deployed in AWS Cloud Formation.
* Deployed Spring Boot based microservices in Docker and Amazon EC2 container using Jenkins.
* Writing Java Beans to contain data objects. Implemented session beans, entity beans and message driven beans.
* Developed a put Mapping Restful web service for handling HTTP requests from API Gateway.
* Used Spark streaming to receive real time data from Kafka and store the stream data to HDFS using Scala and NoSQL databases such as HBase and Cassandra.
* Worked on different API’s to get the vehicles, driver details and validated using the postman as a client.
* Processed messages from the Message Queues to update the data in the database.
* Developed a process where third party clients can access API’s using the OAuth2 Authentication.
* Worked on predefined scripts in Jenkins environment for CI/CD.
* Used **Kubernetes**to orchestrate the deployment, scaling and management of Docker Containers.
* Used Maven to build, run and create JARs and WAR files among other uses.

**Environment:** Java,Angular 8, HTML 5, CSS 3, Bootstrap, JSON, Spring boot, Spring IOC, Microservices, JIRA, Web Services, AWS, CI/CD, SOAP, REST, WSDL, JBOSS, Eclipse, Apache Tomcat Maven, SQL, Jenkins, Docker.

**Apr 2018 - Aug 2021 Full Stack Java Developer*,***

**Nanomindz Technologies / Wells Fargo, Vizag, India.**

* Worked with Agile Technologies, analyzing user requirements, envisioning system features and functionality.
* Designed the front-end applications, User Interactive (UI) website pages using HTML5, XHTML, CSS, JavaScript, jQuery, JSON, GSP, JSP, Angular.JS and Bootstrap.
* Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
* Used Microservices architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Implemented Microservice Architecture with Spring Boot based RESTful services and consumed SOAP based Web Services.
* Developed web applications and RESTful web services and APIs.
* Developed Spark code using Scala and Spark-SQL/Streaming for faster testing and processing of data.
* Performed real-time analysis of the incoming data using Kafka consumer API, Kafka topics, Spark streaming utilizing Scala.
* Developed Kafka producer and consumers, Cassandra clients and Spark along with components on HDFS.
* Made use of Reactive Forms using Angular 8 where most of the validation is done using components rather than using template-driven which provides in HTML.
* Used AngularJS to implement rich functionality in various pages: form validations, CRUD Rest Operations, grid, search, sort, pagination, multi-selection, tags-input, advanced directives, authentication, server-side proxy, slide pages, user switch etc.
* Use Core java and Spring MVC Framework for application development within Nationwide established framework.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, Hibernate cache concepts.
* Work with JavaScript for client/browser statistics reporting, click tracking, form validation, Ajax, and pop-ups like date picker, etc.
* Participated in Build/Deployment schedules and used to release/Freeze the WAR as per requirement.
* Deployed Docker contained Spring Boot Microservices into AWS EC2 container service using AWS admin console and used Lambda, EC2, Elastic Beanstalk, Cloud Watch, Cloud Formation, IAM, S3, RDS, Elastic Cache, SNS, SQS.
* Written queries for insert update and modification operations. Performed database normalization and optimization using database tools like Oracle, DB2, SQL Server, and NoSQL databases like MongoDB, Cassandra.

**Environment:** Java, Spring boot, Spring 3.1, J2EE 1.7, Microservices, AJAX, XML, CSS, HTML 5, JavaScript, jQuery, Angular JS, AWS, Hibernate 4, JSON, JUnit, REST, JSP, UNIX, Shell script, GitHub, Jenkins.

**Dec 2017 - Mar 2018 Full Stack Java Developer*,***

**Nanomindz Technologies / The NineHertz, Vizag, India.**

* Involved in the design of Class Diagrams, Sequence Diagrams, and Event Diagrams as part of Documentation.
* Used SAAS as a software distribution model through which apps are available to the customers.
* Designed and developed the application to be responsive for desktop, mobile, and tablets using Bootstrap (HTML5, CSS, and JavaScript).
* Extensively used Web Storm for development in the front end and used Subversion as the version control system and Tortoise client for SVN.
* Developed microservices with Spring and tested the application using Spring Boot.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.
* Developing application design guidance and consultation, utilizing a thorough understanding of applicable technology, tools, and existing designs.
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Used Spring Boot framework for building cloud Micro Services and to develop Spring-based applications radically faster with very less configuration.
* Involved in functional requirement discussions with the business team and converted the functional requirements to technical requirements.
* Involved in preparing the technical design documents using UML data model representation, use case diagrams, Sequence Diagrams, Class, Diagrams using Rational Rose.
* Used Struts frameworks for complex areas of development including UI design, batch processing, stored procedure development, XML, data exchange, and integration.
* Used Spring Framework for dependency injection for Action classes using the Application Context XML file.
* Worked on Kafka Publisher integrated in spark job to capture errors from Spark Application and push them into Postgres table.
* Produced SOAP Web Service using Apache Axis generated WSDL files for the Service that served XML data in SOA.
* Used GIT for source control and developed a logging component using Log4J to log messages and errors.
* Implemented JMS using IBM MQ series to provide access to other applications which maintain user Transactions.
* Defined and developed the application's presentation layer using HTML5, CSS3, JSP, JavaScript, and Backbone JS with Dust JS templating.

**Environment:** Java 1.7, AngularJS 1.3, Ext JS, HTML5, CSS3, JSON, JavaScript, XMI, Maven 2, Eclipse Kepler, Eclipse Juno, XML, Silk SVN, Backbone JS, multi-threading, Microservices, AWS, SQL Developer, Spring boot, Spring MVC, Oracle DB, Grunt, Jasmine.

**Jan 2016 – Nov 2017 Full Stack Java Developer*,***

**Nanomindz Technologies PVT. LTD., Vizag, India.**

* Developed the functionalities using Agile Scrum Methodology.
* Extensive experience in various Agile methodologies like Test Driven Development (TDD) .
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX and AngularJS.
* Used a Microservice architecture, with Spring Boot-based services interacting through a combination of REST and MQ message brokers and leveraging AWS to build, test, and deploy Identity Micro Service.
* Implemented the service layer based on a Spring container and exploited Spring's IOC features for bean management.
* Implemented the persistence layer using Hibernate-ORM. Worked on Spring Web Flow on Spring MVC for building flows in our web application.
* Implemented jQuery-based accordion styles and handled complete jQuery in showing Rich Internet Application.
* Used concepts of Directives, Databinding, and Dependency Injection in Angular JS.
* Developed application of Spring 3.x framework by utilizing its features like Spring Dependency injection, Spring Security, Spring Web Flow with Spring MVC. Used spring's dependency injection for injecting entity manager and managed beans into spring beans.
* Used Spring Security framework for login authentication, password hashing. Worked on Java Message Service (JMS) API for developing message-oriented middleware (MOM) layer for handling various asynchronous requests. Worked on a topic for creating publish/subscribe messaging model.
* Used Angular to construct data visualization. Developed persistence layer based on JPA framework for providing POJO persistence model for object-relational mapping.
* Used Concurrent Version System (CVS) as a source control tool. Developed unit test cases and suits on the JUnit framework for unit testing. Used Maven for building, deploying the application, creating JPA-based entity objects, and compiling the GWT application.
* Used XML parser APIs like JAXB API within the web service for marshaling/unmarshalling.
* Tested each application using validators and handled multiple modules simultaneously to achieve the application.
* Used Open-Source packages, designed POC to demonstrate Integration of Kafka/Flume with Spark streaming for real-time data Ingestion and processing.
* Worked with AJAX data consisting of JSON/XML/JSONP responses, parsing the same, and presenting on the UI layer.
* Involved in using ReactJS components, Forms, Events, Keys, Router, Animations, and Flux concept.

**Environment: Spring 3.1, J2EE 1.7, Spring JDBC Template, Spring Batch, AJAX, XML, CSS, HTML 5, JavaScript, AWS, Oracle 10g/11i, Maven 3.0.3, MYSQL 6.1, jQuery, JUnit, REST, AngularJS*.***