**Surya PH NO: +1 (469) 598-1624**

**Java Full Stack Developer Email ID: mahesh@masitlabs.com**

**Professional Summary:**

* Over **10+ years** of experience as Java Developer, with experience in **Java**, **J2EE** frameworks like **Spring**, **Spring** **MVC**, **Microservices** **architecture**, **REST,** and others.
* Proficient in all phases of **SDLC** (analysis, design, development, testing and deployment) and highly competent in gathering user requirements.
* Experience on **OOP** (Objective Oriented Programming) like **Inheritance, polymorphism, Abstraction and Encapsulation.**
* Experienced in **Object Oriented Programming, Database, Data Structures** and **Problem-Solving Algorithms**.
* Good exposure and experience with **Service Oriented Architecture (SOA) such as Web Services including SOAP, WSDL, JMS (Java Messaging Service), AJAX** and tools like **ANT, Junit.**
* Good experience with Grails, Groovy, Hibernate/GORM, Jenkins and Spring Framework.
* Developed web applications using Groovy and Grails framework.
* Experienced with Cloud Computing environment like Spring cloud and **Amazon Web Services (AWS)** whichinclude **Elastic Cloud Compute** (**EC2**), **Simple Storage Service** (**S3**), **Route 53, Elastic Block Storage** (**EBS**) and **Auto Scaling**.
* Extensive experience in developing **Microservices** using Spring Boot and working on various Spring modules (Spring MVC, DAO, and AOP) along with Hibernate as the back end ORM tool for implementing the persistence layer and mapping of POJOs.
* Good experience in designing and implementing multithreaded applications to handle concurrent tasks efficiently.
* Good understanding of new features of Java 9 like modularity, JVM compiler Interface, AOT compilation.
* Worked with **GraphQL** SDL (Schema Definition Language) and used it for defining the types and operations in a GraphQL API.
* In-depth understanding of batch processing workflows, dependencies, and scheduling considerations.
* Proficiency in **Hibernate** and the **O/R mapping** to map Java domain objects with the database, spring framework to easily configure J2EE applications.
* Proficient in designing and documenting RESTful APIs using Swagger/OpenAPI Specification.
* Experience in Spring **AOP** (Aspect-oriented Programming), Spring **MVC**, **Spring** **Security (OAuth)**, **Spring** **Boot 1.x/2.x**, **Spring** **Data JPA** and **Spring** **Batch**
* Strong experience in **MVC architecture** and design implementation using **Servlet and JSP** as well as open-source frameworks such as **Struts** and **Spring MVC**.
* Good understanding and experience working on various **AWS** products like **EC2**, **RDS**, **S3**, **EBS** and others.
* Experience in **UML Modelling**, Rational Rose, and **Design Patterns** (J2EE) like Singleton Factory Method, DAO, Session Facade, Front Controller, and Delegate Pattern.
* Experience in implementation and Administration of **Data Guard for disaster and recovery** setup.
* Worked on **Maven** based projects and have good understanding of build tools (**MAVEN**) and project management tools (**SVN, GIT, BITBUCKET, JIRA**).
* Experience in using Open-Source Frameworks like **JUnit and Log4J, slf4j**.
* Used **Kubernetes** to orchestrate the deployment, scaling, and management of Docker Containers.
* Proficiency in multiple **Relational** and **NoSQL** databases like **MongoDB, Cassandra** to manage extremely large data sets and **RDBMS - MySQL, ORACLE, PostgreSQL,** and **MS SQL Server**.
* Experience with **NoSQL** databases such as MongoDB, Redis, and Cassandra and their integration with Node.js.
* Worked on integrating Spring Integration with cloud platforms such as Amazon Web Services (**AWS**) and Microsoft **Azure** for building cloud-based integration solutions.
* Proficiency in using Apache Spark with Java to process large-scale datasets, including data ingestion, transformation.
* Developing RESTful web services using **Elasticsearch** services and crafting queries in Elasticsearch
* Strong experience in database design using **PL/SQL** to write tables, Stored Procedures, Functions, Triggers, Indexers, and proficiency in writing complex queries, using **Oracle, IBMDB2, SQL Server, MySQL,** andNoSql database **MongoDB**.
* Used **JIRA** extensively for Defect tracking and reporting. Used **Confluence** for document management.
* Experience in writing CI/CD processes using Jules/Jenkins build tools to build Microservices applications and deploy them to various environments.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | Java ( 8,9,10,11), SQL, PL/SQL. |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JSF, JavaBeans, MVC, RMI, ANT, MAVEN, Log4j, XML, JAXP, DOM, JNDI, JUNIT, Web services, Multithreading, JTA, Custom Tags |
| **AWS Services** | EC2, S3, VPC, Auto Scaling, IAM, Lambda(serverless) |
| **Web Technologies** | HTML, DHTML, JavaScript, jQuery, CSS, AJAX, DOJO, XML, Web Services. Angular JS, Angular2, Angular4, Angular5, Angular6, Angular7, Angular14, Angular16 Node JS, jQuery, Typescript, React |
| **Frameworks**  | Spring, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP, Spring Boot |
| **UML Tools** | Visual Paradigm, Rational Rose, MS Visio |
| **IDE’s**  | Eclipse, NetBeans, IntelliJ, WebStorm, Visual Studio Code |
| **Web/Application Servers** | Web Logic, Apache Tomcat, JBOSS and IIS |
| **Webservice Technologies** | SOAP, REST (JAX-RS, JAX-WS) |
| **Version Control Tools** | GIT, Visual Source Safe, CVS, Tortoise SVN, Bitbucket |
| **Methodologies** | Agile-Scrum, Waterfall, V-Model |
| **Database Environments** | Oracle, SQL Server, MySQL |
| **Operating Systems** | Windows, Linux, UNIX |

**EDUCATION DETAILS:**

* Bachelor’s in computer science from KLU in 2014.

**Professional Experience:**

**Client: PNC BANK, Pittsburgh, PA June 2023 to Present
Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in full Software Development Life Cycle (SDLC) to analyze the business requirements, designing front end component, developing server-side code, testing and implementation and reviewing the existing design samples.
* Designed and developed **highly scalable, secure microservices** using **Java 11/17**, **Spring Boot**, **Spring MVC**, **Spring Security**, and **Spring Data JPA** to support complex banking operations and data ingestion systems.
* Created and consumed RESTful APIs using Spring Boot, implementing **OAuth2 authentication**, **exception handling**, and **response standardization**.
* Designed and developed **highly scalable, secure microservices** using **Java 11/17**, **Spring Boot**, **Spring MVC**, **Spring Security**, and **Spring Data JPA** to support complex banking operations and data ingestion systems.
* Developed **asynchronous services** using **Apache Kafka** for real-time event processing in a distributed microservices architecture.
* Built and managed **Spring Batch jobs** to process large volumes of transactional data efficiently, with support for **sequential and conditional logic**.
* Deployed backend services to **AWS** using **EC2, S3, IAM**, and **EKS (Kubernetes)**, with **CloudWatch** for monitoring and alerting.
* Implemented RESTful web services and applications using Spring Boot, Spring MVC, and Hibernate/JPA for seamless authorization with Spring Security.
* Worked with **DynamoDB** and **MongoDB** for NoSQL operations and **Oracle DB** for transactional data storage .
* Developed Agile processes using Groovy, JUnit to use continuous integration tools.
* Created **Jenkins CI/CD pipelines** to automate builds, testing, Docker image creation, and deployment to Kubernetes clusters
* Experience in **AWS** deployment, managing scalable systems, and continuous delivery.
* Used **Spring boot** to collect the data from users and packaged the data as **JSON** distributed to applications.
* Involved in implementation of **Spring MVC framework** and developed **DAO** and Service layers. Configured the controllers, and different beans such as **Handler Mapping, View Resolver etc.**
* Implemented batch processing jobs and integrating with other Spring Boot components like Spring Data and Spring MVC using Spring Batch.
* Experience with **Grails** for backend services, using plugins, controllers, domain classes, and implementing security and business logic layers.
* Responsible for developing sequential and conditional batch jobs using spring batch framework.
* Developed new **APIs** using the latest features introduced in Java 17, extending application capabilities.
* Used Spring batch and hibernate for creating batch jobs to multiple formats of data and write it into flat file.
* Implemented monitoring and logging for EKS clusters using Prometheus, Grafana, and AWS CloudWatch.
* Executed **migration and testing** of monolithic apps to **AWS cloud infrastructure**, ensuring minimal downtime and enhanced scalability.
* Involved in creating the **Hibernate POJO** Objects and mapped using **Hibernate Annotations**. Involved in the implementation of DAO using **Spring-Hibernate ORM**.

**Environment**: J2EE 8, Spring, Hibernate, EJB, JMS, Spring Boot, SOAP, HTML, XML, JavaScript, Angular.js, React Js, log4j, PL/SQL, Eclipse, JBOSS, Multi-Threading, Kafka, Kubernetes, WebSphere, Tortoise SVN, Maven, Junit, Agile, Oracle and Windows.

**Client: Independent Health Corp, Buffalo, NY March 2020 - May 2023 Role: Full Stack Java Developer**

**Responsibilities:**

* Designed and developed **RESTful APIs** and **microservices** using **Java, Spring Boot, Spring MVC**, and **Hibernate**.
* Created robust backend components with **Spring Data JPA**, integrated with **Oracle DB**, and used Hibernate Criteria for complex queries.
* Built **multithreaded batch jobs** using **Spring Batch** to process large-scale healthcare data efficiently, with thread-safe implementations.
* Used **Groovy and Grails** for backend development including custom plugins, validations, and domain-driven design.
* Implemented **Spring Security** and **Grails Security plugins** for authentication and authorization.
* Designed and deployed backend services in **AWS** using **EC2, RDS, S3, Lambda**, and **CloudFormation** templates for IaC.
* Developed **event-driven microservices** using **Spring Cloud Data Flow** and **Kafka** for asynchronous communication.
* Created and managed **Docker containers** and deployed microservices to **Kubernetes** for scalable backend infrastructure.
* Built **CI/CD pipelines** using **Jenkins, CodePipeline**, and **CodeBuild** for continuous integration and deployment of backend APIs.
* Used **Terraform** for migrating legacy systems and provisioning AWS infrastructure.
* Developed and maintained **SOAP-based web services** for internal payment systems and partner integrations.
* Integrated backend services with external systems using **Apache Kafka**, **RabbitMQ**, and **REST APIs**.
* Implemented **data modeling** strategies for both **relational (Oracle)** and **NoSQL (MongoDB, Cassandra)** databases.
* Wrote **unit tests** using **JUnit** and **Mockito**, ensuring high code coverage and backend reliability.
* Migrated backend systems from monolithic architecture to **microservices** on **PCF (Pivotal Cloud Foundry)**.
* Followed best practices for **API security**, IAM policies, and **serverless architecture** on **AWS and Azure Functions**.

**Environment**: Java, JDK, J2EE, Servlets, MVC, WebSphere, EJB, JSP, spring, Spring Boot, Hibernate, Python, Eclipse, XML, NetBeans, Multi-Threading, Web Services, AWS, Azure, Docker, HTML5, CSS3, Angular.js, React JS, jQuery, SOAP, JBoss, Log4j, Junit, Ant, SQL, Oracle, and Windows.

**Client: Edward Jones, St. Louis, MO Aug 2017 - March 2020
Role: Java Developer**

**Responsibilities:**

* Participated in all phases of Software Development Life Cycle (SDLC) including analysis, design, and implementation and testing.
* Architecting various **Business Layer** and **Data Management components** of multi-tiered web-based system over J2EE architecture.
* Designed and developed **RESTful APIs** and **microservices** using **Java, Spring Boot, Spring MVC**, and **Hibernate**.
* Created robust backend components with **Spring Data JPA**, integrated with **Oracle DB**, and used Hibernate Criteria for complex queries.
* Used **Groovy and Grails** for backend development including custom plugins, validations, and domain-driven design
* Implemented **Spring Security** and **Grails Security plugins** for authentication and authorization.
* Designed and deployed backend services in **AWS** using **EC2, RDS, S3, Lambda**, and **CloudFormation** templates for IaC.
* Developed **event-driven microservices** using **Spring Cloud Data Flow** and **Kafka** for asynchronous communication.
* Created and managed **Docker containers** and deployed microservices to **Kubernetes** for scalable backend infrastructure.
* Built **CI/CD pipelines** using **Jenkins, CodePipeline**, and **CodeBuild** for continuous integration and deployment of backend APIs.
* Used **Terraform** for migrating legacy systems and provisioning AWS infrastructure.
* Developed and maintained **SOAP-based web services** for internal payment systems and partner integrations.
* Integrated backend services with external systems using **Apache Kafka**, **RabbitMQ**, and **REST APIs**
* Implemented **data modeling** strategies for both **relational (Oracle)** and **NoSQL (MongoDB, Cassandra)** databases.
* Wrote **unit tests** using **JUnit** and **Mockito**, ensuring high code coverage and backend reliability.
* Migrated backend systems from monolithic architecture to **microservices** on **PCF (Pivotal Cloud Foundry)**.
* Followed best practices for **API security**, IAM policies, and **serverless architecture** on **AWS and Azure Functions**.

**Environment**: Java, JSP, Servlets, Spring, AWS, Eclipse, EJB, MVC, JNDI, Hibernate, HTML, XML, DHTML, Log4j, Soap, Ant, WebLogic, SQL, Oracle, Windows.

**Client: ADP,Hyderabad, India May 2014 - Dec 2016
Role: Java Developer**

**Responsibilities:**

* Used Spring Framework extensively for dependency injection/Inversion of control (IOC), and integration of Controller, Service and DAO layers.
* Designed the Front-end screens using **JSP, JSTL, Servlets, HTML5** and **JavaScript** and **jQuery**, DOJO struts Tiles.
* Experience of making asynchronous requests to back-end services and APIs using **JavaScript** libraries Fetch API and AJAX.
* Developed front end of the application using **AngularJS**. Developed MVC design patterns using **AngularJS**.
* Worked on building & deploying Java code through **Jenkins**, used Jenkins **Amazon** **Web** **Services** (**AWS**) Code Deploy plugin to deploy to **AWS** and worked **AWS** Cloud management.
* Used advanced level of **jQuery, AJAX, Angular JS, Bootstrap** and **CSS** layouts.
* Built an application and deployed **microservices** in the **AWS** Cloud using **Docker** containers.
* Implemented entire application using Core java, Java Collections and Spring MVC design framework. Developed Java web services using **JAX-RS**.
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously and send JMS message to Apache ActiveMQ on the edge device.
* Incorporated the DevOps vision of the project, build automation and modules for **DevOps** platform and build integrations between various DevOps tools on the AWS cloud in the role of AWS & REDHAT Administrator.
* Worked on **ANT** and **Maven** to develop build scripts. Used **log4j** for logging and **SVN** for version control.
* Developed **Maven scripts** and developed builds using **Maven** and continuous integration servers like **Jenkins**.
* Implemented **SOAP** Web Services for other applications to communicate.
* Hands on experience with one or more **Cloud** Infrastructure and **Services** like Amazon **AWS**.
* Used **NoSQL** Databases like AWS DynamoDB and S3 for data persistence.
* Performed **CRUD** operations like Update, Insert and Delete data in NoSQL database like **MongoDB** and relational databases like MySQL.
* Involved in consuming, producing **SOAP** based Web services using **JAX-WS.**
* Worked on **Azure** API Management for creating, publishing, and managing APIs in the cloud.
* Worked with Azure DevOps for building, testing, and deploying applications to the **Azure** cloud.
* Monitored and maintained **MQ** Series objects such as Queue Managers, Queues, channels, and listeners.
* Created **MQ** Series objects on local and remote Machines.
* Having good experience to provide Authorization up on **MQ** Objects by using SETMQ Authorization and AUTHREC.

**Environment**: J2EE, Java 8, Core Java (Multithreading, Collections), JSP, JSTL, Servlets, HTML 5, Java Script, jQuery, Angular JS, Ajax, AWS, Bootstrap, CSS, SPA, Mongo DB, JAX –RS, log4j, SVN, Maven, Jenkins, SOAP