**Koteshwar Pathri**

[**pathrikbitsian@gmail.com**](mailto:vihansh13.pathri@gmail.com)

**945-257-0907**

**Professional Summary**

* Professional with over 9.8 years of experience in all the phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Product Testing in both the Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies in domains like Banking, Insurance, Financial and Trading etc.
* Experience in Front-End UI technologies like HTML5, CSS3, jQuery, JavaScript, JSON, Ajax, Bootstraps, Angular, React.
* Experience with Java 1.8/11 features and strong understanding of Garbage Collector, SOLID Principles, Collections, Multi-threading, Executor Service, Exception handling and Generics, Data Structures.
* Experience in developing web-based enterprise applications using Struts, Spring IOC, Spring AOP, Spring MVC, Spring Web Flow, Spring Boot, Spring Security, Spring Batch, Autosys, Spring Integration, Web Services and ORM frameworks like Hibernate/JPA and Databases Oracle, MySql, PLSQL, MongoDB.
* Firsthand experience in developing and solid understanding of Micro-Services with Docker and Kubernetes, ECS/EKS on Service Oriented Architecture and Strong experience in developing and consuming SOAP, Rest and Micro-Services Architecture based Web Services.
* Strong Experience in a CI/CD and UCD (UDeploy), Artifactory environment using Docker Containerization and ECS/EKS Orchestration and JUnit, Selenium, Cucumber (BDD), Mockito, Groovy and Log4j in developing test cases and determining application functionality.
* Having Good experience in developing and migrating existing application into cloud-based platforms like Amazon Web Services as EC2, AWS Lambda, SQS, S3, Elastic Search through AWS Console and API Integration.
* Hands on experience working with various Application servers On Premises like JBOSS, Web Logic, Web Sphere, Apache Tomcat.
* I have experience in different IDEs such as Eclipse, Spring Tool Suite (STS), and IntelliJ, and have measurable experience on application building tools like Maven and Gradle.
* Experience in using code repository tools like Tortoise SVN, GitHub and Software methodologies like Agile, Waterfall and TDD/BDD.
* Strong Knowledge on Azure Cloud(ADF, Data Bricks, App Service, Event Hub, Key Vault, Logic App, ACI) and Spark Core, Spark SQL, Hadoop Eco systems, python .
* Effective communication and analytical skills and a demonstrated ability to manage multiple tasks as well as to work independently or in a team environment.

**Technical Skills**

* Programming Languages-C, C++, Java 1.8/11, J2EE, SQL and PL/SQL.
* Platforms-Windows, Linux, and Unix.
* J2SE/J2EE Technologies-Java, J2EE, Servlets, JSP, JMS Struts, Spring, Spring Boot, Kafka, Hibernate, JNDI, JPA, Kubernetes, Docker, Web Services, Micro Services, SOAP (JAX-RPC, JAX-WS), RESTful (JAX-RS), WSDL and UDDI.
* Web Technologies-HTML, CSS, JavaScript, jQuery, Ajax, Angular, React, Typescript and Bootstrap
* XML Technologies-XML, XSL, XPATH, DOM, SAX, DTD, XQuery, XSD and XSL HTML.
* Cloud Technologies-Amazon Web Services(EC2, Lambda,S3,SQS, SNS,ECS, CloudWatch)
* Databases-Oracle, My SQL, SQL Server, Mongo DB, Dynamo DB.
* Web/Application Servers-Apache Tomcat, Web logic and JBOSS.
* Build Tools-Maven, Gradle, and Jenkins
* IDE / Tools-Eclipse, IntelliJ, Spring Tool Suite (STS).
* Testing Tools/ Others-Selenium, TDD,BDD, JUnit, Mockito, Groovy Soap UI, Log4j.
* Version Control-Tortoise SVN, Bitbucket, and GIT.

**Education:**

* **M Tech** from Birla Institute of Technology and Science (**BITS**) Pilani, Rajasthan, India .

Masters of Technology in Data Science Artificial Intelligence, Machine Learning, Deep Learning, NLP,

Cloud Computing, Software Architecture, Data Structure.

**Professional Experience**

**Senior Java Full Stack Engineer Oct 2023 – Present**

**Stratus Meridian LLC Texas**

**Description:**

* As a senior team member as well as tech Lead in the team, I have individual code contributions and have the responsibility to manage a team for a specific set of work related to the SaaS Product which I am part of. Developing a SaaS Product for an API service Cloud's Partner specializing in AWS, Azure Cloud implementation. We are passionate about developing and scaling APIs on Cloud, integrating business software and migration of existing developer portals to latest versions

**Responsibilities:**

* Lead and Developed routing logic and navigation from screen to screen and implemented login functionality on the client side in Angular.
* Created responsive web pages using Bootstrap and wrote client-side application in a clean MVC model using Angular.
* Utilized Java 1.8/11 features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections.
* Lead and developed the project as a multi-tier application using Spring IOC, Spring Data, Spring AOP, Spring Data JPA, Spring MVC Architecture with Hibernate as ORM framework, Spring Integration, Spring Boot Framework, Spring Cloud, Spring, AWS Lambda, Jenkins, Implemented the authentication and authorization of the application using Spring Security (JWT/OAuth2/OKTA).
* Building/Maintaining Docker container clusters managed by Kubernetes and Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy and OpenShift v4 and Kubernetes integration and leverages Kubernetes to orchestration of containers and scaling, running in the on-premises and cloud.
* Developed RESTful Web Services using Spring Boot and Micro Services Architecture and Implemented Spring Boot Micro services to process the messages into the Kafka cluster setup and process the failure messages in Kafka using offset id.
* Implemented persistence layer using Hibernate and mapped to databases to performed CRUD operations Spring Data Framework to use the features of Spring JDBC and Spring ORM classes like JDBC Template and Hibernate/JPA by connecting to Data sources available.
* Used Gradle as build automation tool and responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins.

**Environment**: Agile methodology, Java 1.8, J2EE, HTML5, CSS3, jQuery, Ajax. Bootstrap, JavaScript, JSP, Angular, Kafka, Hibernate, Spring MVC, Spring IOC, Spring Batch, Autosys, Spring Data, Spring boot, spring security, OAuth, MongoDB, GIT, JSP, Jenkins, JUnit, Maven, JAX-WS, Restful, OpenShift v4, AWS EC2, ECS, S3, CloudWatch, SQS , SNS, AWS Lambda, Micro Services, Log4J, Oracle, Gradle, JIRA and IntelliJ.

**Senior Software Engineer 1 May 2022 – Oct 2023**

**Invesco Private Limited Hyderabad**

**Description:**

* The Systematic Trading is the system is called as Order Execution Management system. The order placed/Trade from CRD/OMS to Portware/ EMS as treated as Parent orders, based on Execution broker available Trader can trade the order as per the IOI availability. Order can be executed as on the Wheels to execute the Systematic Algorithm to send to Execution Broker over the FIX engine. Hence the Fill status should be updated through FIX message to CRD to update Fill status in CRD end so like this Fund Manager can be traded multiple orders for the day.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Lead and Developed the view-controller components using HTML5, CSS3, AJAX, JavaScript, jQuery, JSP and Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in Angular and React.
* Secured the API's by implementing Oauth2 token-based authentication/authorization scheme using spring security and designed and developed third-party Payment services to Offer Users Convenient Payment Methods based on OAuth Protocol.
* Used Hibernate ORM framework as persistence engine and wrote Hibernate Queries to automate the mapping between Oracle database and Objects in Java and Stored dataset through collections in MongoDB.
* Lead and extensively worked on SOAP and REST Web Services to get the data from third party systems and implemented Kafka queues producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Building/Maintaining Docker container clusters managed by ECS/EKS, in AWS Lambda, utilized orchestration for the runtime environment of the CI/CD system to build, test deploy and OpenShift v4 and Kubernetes integration and leverages Kubernetes to orchestration of containers and scaling, running in the on-premises and cloud.
* Lead the team and involved in designed and developed Micro Services business components using Spring Boot and done coding to build REST Micro Services using Spring, Spring Boot.
* Involved in creating Lambda Step functions and Lambda functions and SQS, ECS installed required configurations and applications on it and created S3 buckets for storing object level data into it.

**Environment**: Agile methodology, Java 1.8, J2EE, HTML, CSS, JavaScript, JSP, jQuery, Ajax, Angular, React, Multithreading , Hibernate, Spring, Spring AOP, Spring security, Spring Boot, Micro Services, Web services, Oauth2, Oracle, , Docker, Kubernetes, OpenShift v4, Kafka, MongoDB, AWS EC2, ECS, S3, CloudWatch, SQS , SNS, AWS Lambda, GIT, JIRA, PL/SQL, STS, JMS, JUnit, Autosys, Maven, Jenkins, WebLogic .

**Senior Technology Specialist May 2018 – May 2022**

**Wells Fargo International Private Ltd Hyderabad**

**Description:**

* Payment and Cash Services (PACS) is the application within Corporate Trust Services (CTS) for cash movement. PACS provides CTS a crucial point of entry for all payment and cash processing (wire, ach internal transfers and the ability to request checks from SEI). PACS interface with Electronic Commerce Services (ECS) Payment Manager Application for all wire processing via MQ and SEI for debit/credit entries to Trust accounts via Web Services. PACS provides monitoring and reporting to validate those transactions are being processed according to the request submitted by the end user. PACS provides dual control via the Initiate/Approve process and interfaces with Deal/Series for Customer Funds Profile/Payment Verification controls.

**Responsibilities:**

* Development Life Cycle (SDLC) like requirements gathering, modeling, analysis, design, development, and testing.
* Implemented and designed front end part using HTML, CSS, Bootstrap, JSP, Servlets, jQuery, Angular, React and developed Web UI as Involved in various phases of Software .
* Involved in development of ‘Agile Methodologies/SCRUM’ and evaluated the application in each iteration.
* Lead the team and developed the application using Spring Framework, Spring Integration, API Gateway with respect to Model View Controller (MVC) architecture.
* Used WebLogic server to route our Kafka queue messages to different business floors and configured routes in WebLogic and used Kafka in e-mail notification.
* Developed Web Service client interface with JAX-WS from WSDL files for invoking the methods using SOAP.
* Responsible for development of configuration, mapping, and Java beans for persistent layer (Object-Relational Mapping) using Hibernate and worked on JDBC, SQL for storing and accessing data from Oracle and developed SQL scripts, and datasets stored as collections in MongoDB No SQL Database.
* Lead and Involved Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, created Pods and managed using Kubernetes in unit testing, test case reviews and code reviews in accordance with applicable development standards.
* Used SVN & GIT for code version control and JIRA for issue tracking and Providing production support for the application stability.

**Environment**: Agile methodology, Java, HTML, Ajax, CSS, JavaScript, JDBC, jQuery, Angular, React Oracle, Spring, Spring Boot, Docker, Kubernetes, AWS EC2, ECS, S3, CloudWatch, SQS , SNS, AWS Lambda, PCF, Kafka, MongoDB, Log4j, Hibernate, , JUnit, Tomcat Server, Maven.

**Software Engineer April 2014 –Apr 2018**

**Wes Bank (FNB ) Zensar South Africa**

**Description:**

* WesBank is a leading Vehicle and Asset Finance provider and part of one of the largest financial services groups in Africa. We focus on providing secured instalment finance to the retail and public sectors and corporate markets, together with a range of related services including insurance, fleet management and full maintenance lease. WesBank is a division of FirstRand Bank Limited, South Africa's most innovative bank Introduced Digital Product FastTrack to deal the customer for Vehicle preapproval and Amount preapproval.

**Responsibilities:**

* Developed the application using Spring Framework, Spring Rest that leverages classical Model View Controller (MVC) architecture.
* Developed User Interface using JavaScript, Jquery, Ajax, Angular in JSP and designed the user interfaces using JSPs, and used Struts capturing input form data into java bean objects through Action forms.
* Developed Web Services using XML messages that use SOAP. Developed Web Services for Payment Transaction and Payment Release.
* Developed Web Service client interface with JAX-WS from WSDL files for invoking the methods using SOAP.
* Developed controller classes using Spring Framework and Code base has been deployed in Cloud using Kubernetes orchestration and Docker containerization.
* Strong skills in RDBMS implementation and development using SQL Server, Oracle, MYSQL and experience in working with SQL, PL/SQL programming languages.
* Involved in Documentation and Use case design using UML modeling include development of Class diagrams, Sequence diagrams, and Use Case Transaction diagrams.
* Participated in design and code reviews and developed JUnit test cases for all the developed modules. Used SVN as version control.

**Environment**: Java, Struts, Spring, Spring Integration, Spring Boot Micro services, Docker, Kubernetes, Spring JDBC, Hibernate, Oracle, AWS EBS, S3, Dynamo DB, JavaScript, jQuery, Ajax, CSS, HTML, JSP, Angular, Jax-p, MySQL, XML, DOM, SAX, MAVEN,, Web services, SOAP, Apache Tomcat, Oracle 10g, LOG4J, SVN and IntelliJ.