**DAIVIK P**

**Senior Java Full Stack Developer**

**PROFESSIONAL SUMMARY**

* About**9+ years** of experience as a Java Full Stack Developer in **IT** industry. Extensively experienced in Software Analysis, Design, Development, Implementation and Testing of Object-Oriented Applications and Web based Enterprise Applications using **java/J2EE**.
* Expertise in designing and developing server-client and web-based applications in Java/J2EE technology using **Object OrientedTechnology**.
* Experienced in developing **Web UI** Applications using HTML5, CSS3, Boot Strap, Java Script, Type script, Ajax, Query, **Angular**.js, **React.js**, Express.js, **Node JS**, jQuery UI and Spring MVC.
* Worked on **Lambda Expressions**, Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and 10 improvements by using **Java 8.**
* Hands on experience in **Amazon Web Services** (**AWS**) provisioning and good knowledge on **AWS** services like Elastic Compute Cloud (EC2), Simple Storage Service (S3), Glacier, Auto Scaling, IAM, **Dynamo DB,** Virtual Private Cloud (VPC), Route53, Cloud Watch, **AWSCLI**, Cloud Formation, Cloud Front, Elastic Beanstalk, **ELB** (Elastic Load Balancers), RDS, SNS, SWF. SES, SQS, and EBS etc.
* Experienced in **AWS Dynamo DB** to capture the any modification on DB.
* Extensive working with **Amazon web Services** like using Elastic Beanstalk, EC2 and AMI with Linux.
* Adding permissions to **AWS** SQS to interact with the Queue and involved in writing custom policies.
* Thorough knowledge of **Micro service architecture** and experience in implementing several design patterns.
* Designed and developed Micro service business components using Java /j2EE, Spring Boot and Implemented RESTweb services based on **RESTfulAPIs**.
* Expertise in design and development of enterprise level spring-based web applications using **SpringREST**, Hibernate, EJB,Struts, Servlets, JSP for User Interface Applications.
* Experienced on **spring framework** applications like Spring Core, Spring AOP, Spring IOC, Spring MVC, Spring Batch, Spring JPA, **Spring Security** and **Spring Boot** and did integration to Micro services into existing system architecture.
* Proficient in Spring AOP, Security, **Event Handling**, **Spring MVC**, Spring IOC Container.
* Developed **DAOs (Data Access Object)** using Hibernate as **ORM** to interact with DBMS - like **MySQL**, PostgreSQL, SQL/PL-SQL Oracle 10g and NoSQL databases like MongoDB.
* Experienced with web services **(SOAP/RESTful**) and used to scale the applications for better BOA.
* ﻿﻿Well versed in developing **SOA services** and consuming the services.
* Improved overall performance via **Multithreading**, collections, synchronization, and **exception handlingstrategies**.
* Experience with **Docker images**, Containers, push/pull with Spring Boot, used **Jenkins** for **CICD**.
* ﻿Experience in using **Jenkins** for **Continuous Integration** and **Sonar jobs** for java code quality.
* ﻿﻿Experience in message streaming by using **Apache Kafka.**
* Experience with large-scale distributed systems using **JMS, Message Queues** and **Spring MS Integration**.
* Strongly associated with usage of **Selenium, Jenkins, Junit** and Curl for Unit and System Testing.
* Experienced on tools like **JIRA** for **bugtracking**.
* Experienced with CICD - **MAVEN/GRADLE/JENKINS/CVS/GIT/GITHUB**.
* Experience with web/application servers **WebSphere**, Web Logic, Jetty, **JBoss**, and **TomcatServer**.
* Experience in performing **Unit testing, Integration Testing** and generation of test cases using JUnit.
* Experienced in generating logging by **Log4j** to identity the errors in production test environment and experienced in **Maven** and **Gradle** tools.
* Worked closely with QA team in fixing defects and checking cross-platform compatibility.
* Experience working with **AgileScrum** Methodology and **Waterfall** practices.

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| **Languages & Web Technologies** | Java, Java Script, UML, HTML, CSS, jQuery, PL/SQL, XML, XSL, XSLT, SOAP, Angular JS, Node JS, JSON, Restful web services (API), Python and Shell Scripting. |
| **Tools** | Tortoise SVN, TOAD, SQL Developer, Sub Version, SOAP UI, GitHub, Splunk, Fortify Scan and Black duck Scan. |
| **Frameworks** | Spring, Spring MVC, SpringBoot, Spring Batch, Spring JDBC, Spring Security, Hibernate, Struts, EJB. |
| **User Interface** | Angular, Angular JS, Bootstrap, ReactJS, HTML 5, CSS. |
| **IDE** | Eclipse, WebStorm, IntelliJ, NetBeans, Visual Studio Code. |
| **Build Tools** | Maven, Jenkins, Docker, Apache Ant. |
| **Web/App Servers** | Apache Tomcat, JBoss, Web logic, WebSphere. |
| **Testing** | Junit, Mockito, SOAP UI, Firefox plugin. |
| **Database** | Oracle, SQL Server, My SQL, SQL, PostgreSQL, NoSQL, Mongo DB, Graph QL. |
| **CICD** | Jenkins, Azure DevOps. |

**TECHNICAL SKILLS**

**PROFESSIONAL EXPERIENCE**

**eBay, Austin, TX March 2022 – Present**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Design and Implementation of **nuData** cache application for eBay’s tax service on J2EE using **Spring and Hibernate** which involved creating a new key space, designing APIs to make POST and GET calls to write into and read data from the Database and the cache store.
* Worked in the **Paymentsteam** on the engineering side of **eBay tax service applications** where I have used various tools and technologies. My current responsibilities are as below.
* Building high-performance, scalable components and enhancements for **eBay tax service pipeline**.
* Worked on making this a Self-Service application by creating a webpage using **ReactJS**.
* Designed a component to accommodate results from multiple **Machine Learning** sources and serve the results based on an algorithm that can be modified dynamically. This enables dual read/write with multiple databases and documents.
* Designed and refactored the components to scale, ensure resource utilization, and enable **parallel processing.**
* Built **component-wide automation** in the pipeline to ensure zero impact, code quality, and regression through Enterprise Continuous Delivery pipelines.
* Have written Stateful Sets for the **Kubernetes pods**, used **Docker** to create images of an application and deployed them on pods at different clusters in Production which involved continuous monitoring of traffic, detection of errors and handling them.
* Built various **Jenkins** jobs to automate the process of creating docker images and pushing them to the central hub for Staging and Production deployments.
* Setting up and maintaining the Continuous Integration/Continuous Delivery jobs to ensure the **Enterprise Continuous Delivery** for all components in the tax service pipeline.
* Integrated various applications with **SonarQube** to keep track of code coverage, bugs, code duplicity and fixed all SonarQube critical bugs to ensure the deliverance quality.
* Written **Junit** test cases using **Mockito** for debugging, testing, and maintaining the system state.
* Worked on creating **Grafana** dashboards to monitor the applications statuses using **Prometheus metrics.**
* Have performed training of our **AI/ML** model for Tax Category Prediction, right from data collection to refining the data to train the model, using scripts written in **Jupyter** notebooks.
* Contributed to code reviews on **GitHub** to make the code more manageable and make sure certain coding standards are followed and worked alongside performance team to introduce new mechanisms and standards to increase overall site performance and stability.
* Practiced **Agile** as a methodology to deliver the product within the scrum guidelines. Documented new proceedings of software development integration in Confluence.

*Environment: Java, J2EE, SpringBoot, REST, SOAP, Restful API, JDBC, JSP, Multithreading, Hibernate HTML5, CSS3,* ***Angular*** *8, JavaScript, Spring framework,* ***Kafka****, Jenkins, PL/SQL, Oracle,* ***AWS****, Agile, Kubernetes, JIRA, GIT.*

**Sr. Java Full stack Developer**

**ALSAC, Memphis, Tennessee June 2019 – Feb 2022**

**Responsibilities:**

* Implemented Bean classes and configured in spring configuration file for **Dependency Injection**, Developed Controller Classes using Spring MVC, Spring AOP, SpringBoot, Spring ORM, handled **Security using Spring Security**.
* Worked extensively on front-end side using **Angular** 8, HTML5, Bootstrap, **CSS** and **JavaScript**.
* Designed and migrated the application using **SpringBoot** and **Microservices** from an existing legacyStrutsapplication.
* Configured **Spring Hibernate** transaction manager and used spring declarative transaction management with various propagation levels.
* Developed application-level code to communicate with the backend databases using **Angular**8, **JSON**.
* Configured component-based architecture offered by **Angular**8, built **Angular**8 components and UI services to consume rest services.
* Worked on **Angular** directives, Controllers, Filters, Services, Template, Events, and Injectorsalso created the angular custom directives, filters, and services.
* Implemented to reprocess the failure messages in **Kafka** using offset id, **Kafka** producer and consumer applications on Kafka cluster setup with help of Zookeeper and made API calls to process the messages smoothly on **Kafka** Cluster setup.
* Implemented **SpringBootmicroservices** to process the messages into the **Kafka** cluster setup.
* Closely worked with **Kafka** Admin team to set up **Kafka** cluster setup on the QA and Production environments.
* Had knowledge on **Kibana** and **Elasticsearch** to identify the **Kafka** message failure scenarios.
* Installed and configured file beat on **Kafka**, Druid and Cassandra EC2 instances to ship logs to an Elastic Search index.
* Configured **Jenkins** pipelines to drive all micro services builds out to the Docker registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Consulted with the operations team on deploying, migrating data, monitoring, analysing, and tuning **MongoDB** applications. Developed enhancements to MongoDB architecture to improve performance and scalability.
* Developed **PL**/**SQL** stored procedures, Triggers, and functions to process the trades and mapped it to Hibernate Configuration File and established data integrity among all tables.
* Created **Typescript** reusable components and services to consume **RESTAPIs** using Component-based architecture.
* Involved in Upgrade of **Jenkins Artifactory Server** by scheduling backups in **S3** and responsible for creatingand maintaining automated builds for projects written in java using Jenkins.
* Configured **CI/CD** tools such as Jenkins for the deployment and monitoring the build systems of the code and make sure code is pushed to all lower environments.
* Involved in designing and deploying utilizing almost all the **AWS** stack like **EC2**, EBS, S3, VPC, RDS, SES, ELB, Autoscaling, CloudFront, CloudFormation, Elastic Cache, CloudWatch, SNS, Route 53.
* Handled multiple **AWS** instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Engaged with various **agile** development teams to standardize branching and tagging of code in our repository and maintain code base integrity using Git.

*Environment: Java, J2EE, SpringBoot, REST, SOAP, Restful API, JDBC, JSP, Multithreading, Hibernate HTML5, CSS3,* ***Angular*** *8, JavaScript, Spring framework,* ***Kafka****, Jenkins, PL/SQL, Oracle,* ***AWS****, Agile, Kubernetes, JIRA, GIT.*

**Java Full Stack Developer**

**DTCC, Tampa, Florida July 2018 – May 2019**

**Responsibilities:**

* Updated application code from **Java 1.8 to 11** using WSAD, RAD and redeployed in a clustered environment.
* Implemented SpringBoot services in combination with **Angular8** as front end to form **Micro Service Oriented application**.
* Involved in using **ReactJS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Built Web pages that are more user-interactive using **jQuery** plugins for Drag and Drop, Auto Complete, **JSON**, JavaScript and **ReactJS**.
* Used **ReactJS** in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Designed and developed **Logging** Framework to dynamically change logging levels to help in debug issues/errors using **Log4j**.
* Developed XSLT files for transforming the **XML** response from the web service into **HTML** as per the business requirements and used different XML technologies such as XPATH.
* Developed several Web service stubs using **AXIS**, engine, **SOAPUI**, JAX-RPC, WSDL, Document literal.
* Designed Test Cases/Test Scripts/Test Conditions for the Unit Testing, verifying and validating Web based e-commerce applications, like Boundary Value Analysis.
* Created script for data modelling and data import and export. Extensive experience in deploying, managing and developing **MongoDB** clusters. Experience in creating JavaScript for using **DML** operation with MongoDB.
* Handled **Object**/**Relationalmapping** tool Hibernate and JPA to achieve object to database table persistency.
* Created **Maven** build file to build the application and deployed on **WebSphere** Application Server.
* Designed a secure platform for secure and reliable exchange of information between applications using **IBM** MQ for sending and receiving messages.
* Closely engaged with **Kafka** Admin team to set up **Kafka** cluster setup on the QA and Production environments thereby identifying **Kafka** message failure scenarios using **Kibana** and **elasticsearch**.
* Have knowledge on partition of **Kafka** messages and setting up the replication factors in **Kafka** Cluster.

*Environment: Java 11,* ***ReactJS****, JavaScript, HTML, JSON, Hibernate, JMS, Java Servlets, JPA, Mongo DB, Oracle, Log4j, jQuery,* ***Kafka****, SpringBoot, Spring, Spring Cloud, Azure, JIRA, Jenkins.*

**Java Developer**

**Southwest airlines, Dallas, TX Nov 2016 -June 2018**

**Responsibilities:**

* Actively involved in gathering new needs, understanding, and documenting business and technical requirements, and **object**-**orientedsoftwaredevelopment** (OOSD).
* Designed and implemented user interface using the spring view component, JSP, HTML, CSS, **JavaScript**, **Angular8**, AJAX, and JSON.
* Designed dynamic client side **JavaScript** codes to simulate process for web application, page navigation and form validation.
* Utilized the features of **Angular** 8 to present effective web design and built **Angular** 8 components, UI services to consume REST services using component based architecture provided by **Angular** 8.
* Extensively involved in upgrading the existing system from **Angular6** to **Angular8**, developed powerful single page Application and dynamic responsive Web Application with **Angular8**
* Created Reactive forms and performed validations using **Angular** 6, Created Res-useable components, Custom Modules, Custom Directives, Pipes, Services in **Angular** 6.
* Mainly concentrated on the **MVC** subsystem's controllers, **dispatcherservlets**, model and view objects, and view resolver.
* **Rabbit MQ** is used to facilitate asynchronous, dependable information sharing across several business applications.
* Created **SOAP** and **RESTful** web services using the CXF API and created the services after deploying them on a server using the SOAP UI.
* Created and mapped Hibernate **POJO** objects using Hibernate Annotations and used **HibernateQueryLanguage** (**HQL**) to access data from databases.
* Implemented **Spring Core Annotations** for Dependency Injection SpringBoot for micro-services, Spring MVC and DI for REST APIs.
* Jenkins is used for continuous integration, **GitHub** for version management &**Maven** for building the application in the cloud leveraging **AWS** API's.
* Configured **SpringMVC** to extract client-related data from databases and the **SOAPUI** tool to evaluate Restful API web services, worked on the development of **RESTWebservices**.
* Security of the websites configured and maintained at **AEM** web content management Implemented BDD through Cucumber. Created the Feature Files for Cucumber Automation.
* Created **Kubernetes** deploy and service onboarding tools using **Python** and Jenkins that make it simple to create and maintain build jobs.
* Created deployment templates and automation for relational and NOSQL databases on **AWS**, including MSSQL and **MYSQL** (standalone and RDS).
* Empowered with Zookeeper to implement **Kafka** producer and consumer applications on a **Kafkacluster** setup. To process the messages on a **KafkaCluster** setup efficiently, Spring **Kafka** API calls were used.
* Created **Junit** test suite to automate the testing of business logic also used **JunitMockito** for testing components during development.
* On a regular basis, we tracked and maintained the history of defects and issues using **JIRA** as our bug tracking system.
* Followed **Agile SCRUMmethodology** and used Test Driven Development (TTD) and Used BDD patterns for code quality and good readability standards.

*Environment: Java, J2EE,* ***Angular****6,* ***Angular****8, SpringBoot, Spring MVC, REST, SOAP, Restful API, Cucumber, NoSQL,* ***AWS****, Zookeeper, Jenkins, MYSQL,* ***Kafka****, JIRA, Multithreading, Hibernate.*

**Java/Applications Developer**

**Santander Bank - Boston, MA Aug 2014–Oct 2016**

**Responsibilities:**

* Managed the modules using **NodePackage Manager** (NPM), and use it to install practical utilities like Express and Grunt.
* Developed a responsive web design using Bootstrap and CSS3, used LESS CSS pre-processors to give dynamic behaviour to CSS by writing variables, operations and functions
* JSP, **JavaScript**, HTML and CSS were used to develop the presentation tier, which is used to manipulate, validate, and customize error messages for the user interface.
* Extensively used JavaScript closure, promises, arrow functions (**lambdafunction**) features and worked on High Charts for data visualization.
* Implemented client-side routing using Route module in **React**. Created the react components using stats, props, keys, forms while building the application.
* Supported in the deployment of enterprise integration using **SOAP** and **REST** for Web Services and Legacy Systems (Using Axis and **Jersey frameworks**).
* Contributed to the development of **Spring AOP** components for logging, handling exceptions, and the transactional model to manage numerous requests.
* **RabbitMQ** was utilized as a Java Messaging Service for data production and data consumption between applications.
* Implemented **RESTAPIs** over **Node JS** and Express JS in JavaScript and consumed them to frontend using **Angular** HTTP service.
* Worked with modules like **MongoDB** (NoSQL) for database persistence using **Node.js** to interact with **MongoDB**.
* Performed **CRUD** operations like Update, Insert and Delete data in **MongoDB** and Oracle database management system and handled database access and data transmission based on Restful web service.
* Used JSX, virtual DOM, and one-way data binding features from **ReactJS** in building the application. Created the **ReactJS** components and triggered **Angular** code to render the React components using life cycle.
* Performed peer code reviews, involved in writing test cases and testing the applications on various Operating systems and browsers.

*Environment: Java, J2EE, JavaScript, Spring MVC, AOP, Restful Web Service,* ***ReactJS****,* ***NodeJS****, CSS, HTML5, Web logic Server, Angular, MongoDB, Express, SOAP, JAX-WS, AXIS, JMS, GIT, JIRA.*

**EDUCATION**

* MASTER’S DEGREE U.S.A 2013 - 2014
* BACHELOR’S DEGREE INDIA 2009 - 2013