Revanth
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**PROFESSIONAL SUMMARY:**

* Highly skilled Java Full Stack Developer with around 10+ years of experience in designing, developing, and deploying robust web applications and working with various **SDLC** methodologies like **Waterfall** and **Agile** (**Kanban, Scrum, XP**) methodologies.
* Solid expertise in **Database Management**, front-end frameworks, and **Java** technologies. A track record of effectively working with cross functional teams and providing high-quality solutions and displaying leadership abilities.
* Highly skilled in working with different versions of **Angular** and **React.**
* Expertise in developing web applications and mobile applications using **React Native**, **JavaScript, JSP, DOM, Ajax, Bootstrap, AngularJS, Angular, DevOps frameworks**.
* Knowledge in working with Server scripting language like **Node JS, jQuery, Backbone.JS, Ember JS**.
* Hands-on experience with building cross browser compatibility applications using **HTML5, CSS3** with anability to create modern and user-friendly web applications.
* Good experience with front-end technologies like **GraphQl, NPM, VueJS, ReactJS.**
* Extensively experienced in versioning and managing source code using different tools like **JIRA, Jenkins, Maven, Git, GitHub.**
* Highly skilled in **Pivotal Tracker** and **JIRA** tools for tracking stories in a project.
* Hands on experience with **RESTful API’s** using **Angular’s HTTP Client module**, handling HTTP requests, and managing data in **Angular** applications.
* Expertise in **ReactJS** and related tools to efficiently manage and integrate **UI/UX**.
* Proficient in working with different databases such **as MySQL, Oracle, NoSQL, PostgreSQL, MongoDB.**
* Experience with **ETL** Processes and writing complex **SQL** queries while ensuring data integrity and security.
* Skilled in scaling applications using **Kafka** and **Kubernetes** to streamline deployment and ensure a stable environment throughout the project and in cloud-native environments.
* As a full-stack **Java** developer, worked with different **Cloud** platforms like **AWS, GCP**, **Azure**, and deploying **Microservices** on these platforms.
* Hands-on experience on transferring files into **GCP** storage buckets after performing **ETL** operations and maintaining and deploying **ETL Pipelines**.
* Exceptional adaptability and ability in collaborating effectively across diverse environments and attention to detail.
* Strong set of soft skills which include ability to communicate and adapt effectively.

**Technical Skills:**

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| **Programming Languages** | Java, JavaScript, SQL (Structured Query Language), C# |
| **Scripting Languages** | JavaScript, TypeScript, JQuery |
| **Databases** | SQL, Oracle, MySQL, MongoDB, PostgreSQL |
| **Tools** | Docker, JIRA, Maven, Jenkins, MuleSoft, Git, Mockito, Kafka, OpenShift |
| **Application Servers** | Apache Tomcat, JBoss |
| **Frameworks** | Spring MVC, Spring Boot, Spring Cloud, Junit, Struts, Hibernate, AngularJS, Angular2, ReactJS, JSF (Java Server Faces) |
| **Cloud Technologies** | Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure |
| **Web** | HTML, CSS3, CSS, Java Script, jQuery, Bootstrap, AJAX, Node.js, Express, ReactJS, React MDL |
| **Web Services** | RESTful APIs, JMS (Java Message Service), Web API (ASP.Net Web API), SOAP |

**Professional Experience -**

**Client: PNC BANK Aug 2022 - Present**

**Role: Sr. Java Full Stack Developer PA**

**Responsibilities:**

* Worked as a full stack software developer responsible for the development of web applications, including the front-end, back-end and databases.
* Experience working in **Agile** **development**, adhering to the **SCRUM** process, and participating in Sprint and daily stand-up meetings..
* Worked extensively with **JAVA 11** features like **Stream API, Time API, Functional Interfaces Multithreading, Lambda Function, Transaction Management, Exception Handling, Collection API.**
* Worked with **Java 11**, leveraging its enhanced **HTTP Client API (JEP 321)** for efficient and modernized **HTTP** communication in web application development.
* Integrated **Core Java** features like exception handling, **Object-Oriented Programming, Collections, Multithreading, and I/O Operations** to develop a robust application
* Used **Angular**, **HTML, CSS/CSS3, SASS, and Bootstrap** to design and construct the User Interface for the exposed business application.
* Created views using **Angular 12** that models can be connected to the **DOM** and synchronize data with a server as a Single Page Applications.
* Conceptualized, designed, and developed a real-time data dashboard using **Angular 12**, WebSocket technology, and NgRx state management.
* Leveraged advanced
* **Angular 12** features like Ahead-of-Time (AOT), lazy loading, and tree shaking to streamline application bundles and reduce initial load sizes significantly
* Used **Angular JS** for client-side data binding and template-based **UI development.**
* Integrated **Angular** with backend **microservices** to optimize data flow and provide real-time updates.
* Implemented **Spring** **Boot** to create a **CRUD** backend for our Angular-fronted application and establish connection between both.
* Integrated **Spring Cloud** and **Netflix Eureka** services with spring cloud configuration, **Ribbon, Hystrix, and Zuul API-Gateway** to provide weighted load balancing based on traffic, resource utilization, authentication, monitoring services, and routing.
* Used **Spring Framework** modules including **Spring IOC, Spring AOP, Spring MVC, and Spring Data** to implement various layers of the application.
* Created and maintained robust backend applications using **Spring Boot**, implementing **RESTful** **APIs** for seamless frontend-backend interaction.
* Designed and implemented an event-driven architecture using **Kafka**, enabling asynchronous communication between **Microservices**.
* Successfully designed and implemented **Microservices**, each responsible for specific functionalities, enabling **Agile Development** and independent deployments.
* Implemented versioning and backward compatibility procedures, allowing updates to **RESTful API** endpoints to be made without affecting the application and assuring smooth upgrades.
* Applied **Java 8/11** features, like lambda expressions and the java run time package, to enhance code readability and maintainability.
* Demonstrated experience in implementing **JMS (Java Message Service)** to facilitate asynchronous information exchange using reliable channels such as **Active MQ, Rabbit MQ,** and as message queues.
* Established decoupled and asynchronous communication among **microservices** through **SQS** and **SNS.**
* Developed interfaces using **AWS Lambda** for managing the servers and loaded the data in the S3 buckets and ran the code in **AWS** event sources using **Amazon API Gateway**.
* Implemented cloud services **IAAS, PAAS**, which include **AWS and Docker**
* Working with **AWS** services like **Amazon S3**, **AWS Backup**, and **AWS CloudFormation**, implemented strong disaster recovery (DR) and business continuity (BC) solutions to ensure no data loss and little downtime during unforeseen occurrences.
* Developed scalable and resilient solutions on **AWS**, utilizing services such as **EC2, ECS**, and **S3** and employed **CloudWatch** for real-time monitoring, proactively addressing issues to enhance system reliability.
* Worked in utilizing the **AWS CLI** to manage and deploy resources, streamlining operations and enhancing efficiency.
* Created and maintained **YAML**-based configuration files for defining infrastructure elements, ensuring reproducibility and consistency.
* Extensively worked om database applications using **Amazon RDS, OracleDB, SQL Server, PostgreSQL, Amazon Aurora, DynamoDb and MySQL .**
* Designed a dynamic schema through **NoSQL MongoDB** by writing rich queries and distributed data in a collection across multiple systems for horizontal scalability as data volumes increase through Automatic Sharding.
* Integrated with databases using **Java Database Connectivity (JDBC),** facilitating seamless interaction with relational databases, efficient data retrieval and manipulation.
* Expertise in advanced **SQL** queries to extract, update and delete data based on specific client requirements .
* Utilized **Normalization Techniques** to optimize database structure, reduce redundancy.
* Designed and implemented the database schema using **Progress SQL**, including tables, indexes, and views.
* Implemented **CI/CD pipelines** using **AWS** **CodePipeline** and **CodeDeploy**, automating the deployment process.
* Conducted performance tuning and profiling of **Hibernate** interactions, identifying and resolving bottlenecks to enhance application efficiency and reduce response times.
* Worked with **Jenkins** to integrate **Maven** to generate builds, run unit tests with the **Junit** plugin, run regression tests with Nexus Artifactory to store jar, war, and ear files, monitor with **AppDynamics** & **ELK** **Stack**, get code coverage reports from **SonarQube**, and create documents with **JIRA**.
* Used **Amazon** **EC2** to deploy micro services based on Spring Boot in **Docker** containers, and **Docker Hub** to register the **Docker** images.
* Deployed **Dockized** **Spring Boot** application to **AWS** using **Elastic Bean Stalk (EBS).**
* Managed **Git** repositories effectively, including creating, cloning, and configuring repositories to ensure smooth collaboration and code sharing.
* Handled unit tests using **JUnit**, mocking systems like **JMock** and **Mockito**, and ensuring that code changes won't invalidate already-running unit tests.

**Environment:** Java 11, Angular 10, HTML, CSS/CSS3, SASS, Bootstrap, DOM, Spring Frameworks, Spring Boot, Kafka, Netflix Eureka, JMS, No SQL, Mongo DB, JDBC, AWS, Hibernate, Docker, Jenkins, Maven, Junit, ELK Stack, JIRA, Git, JMock, Mockito, Apache Kafka, Spark

**Client: UHG Sept 2021- July 2022**

**Role:** **Sr. Full Stack Java Developer MN**

**Responsibilities:**

* Configured Software Development Life Cycle (**SDLC**) with solid practical experience in testing methodologies, disciplines, tasks, resources, and scheduling.
* Worked with asynchronous and parallel programming paradigms using **Java 11**'s **CompletableFuture** and **Stream APIs**, allowing applications to handle large concurrency smoothly and increasing system responsiveness overall.
* Designed and implemented **RESTful APIs** using **Java 11's** HTTP client and the Spring Web framework, enabling seamless communication between **microservices.**
* Implemented advanced garbage collection strategies, including **Java 11's** Garbage-First (G1) collector and custom memory pools, to ensure nominal memory consumption.
* Handled end-to-end development, from creating **APIs** in **Django** and the front-end in **React** to deploying a variety of features implemented in the client's system.
* Worked on highly advanced user interface design and development using **AngularJS, Node.Js**, **HTML5**, **Velocity Template, React**, and **Bootstrap**.
* Implemented **Backbone.js** and **React.js** to create a dynamically changing website.
* Implemented seamless data synchronization between **React** components and backend services, resulting in a responsive and data-driven user experience.
* Leveraged **React's** **Context API** and **Redux** for state management, enabling efficient data sharing and centralized state control, leading to improved application performance and maintainability.
* Used **JavaScript, CSS, and HTML** to create front-end screens of the module and Developed user interfaces using **HTML, CSS, AJAX** and **JSF UI** components.
* Designed **Microservices** to scale horizontally, ensuring optimal performance under varying workloads and enhancing the overall system's responsiveness.
* Used **Java Server Faces (JSF), Spring Framework, Hibernate, and JPA,** design and developed a web-based application.
* Leveraged the powerful **Stream API** to perform efficient and concise operations on collections, enabling filtering, mapping, and reducing data with ease.
* Created custom **MapReduce** programs and **UDF’s** in **Java** to enhance **Hive** and **Pig's** fundamental features.
* Worked with **JavaScript**, **node.js**, creating controllers, Custom and built in directives.
* Worked with the IT department deploy a new version of the web application using **ASP.Net** **MVC 5, Web API 2**, Entity Framework, **SQL**, and **React.js** by working on both the back end and the front end.
* Involved in developing **SOAP** Web Services functions to extract data from the Mainframe Systems.
* Implemented backend **Mongo DB** database using HTTP service to fetch JSON contract and unstructured data was handled using **Mongo DB** and used Mongoose Connector for connecting to the database.
* Worked on moving the production SQL server blueprint to the new **AWS RDS Aurora** instance.
* Responsible for designing, developing, and maintaining the several **ETL** pipelines. Receive files from the vendors, which are then placed in **Google Cloud** storage buckets and perform **ETL** operations on those files.
* Used **GCP** services, including compute, storage, networking, databases, and analytics.
* Worked on integrating **Apache Kafka** as a distributed messaging system in the project's architecture.
* Developed **Kubernetes** to manage containers to handle the traffic.
* Implemented unit tests in **Jasmine** to verify the correctness of individual functions and methods within the application.
* Successfully implemented **Hibernate** annotations and **XML** mapping files to define the object-to-database mappings, improving code readability and maintainability.
* Involved in handling unit testing, integrated testing and production testing using **JUnit**.
* Deployed **GIT** as a version control system and for the management of code.
* Worked with **JIRA** and developed performance metrics dashboards and sophisticated filters to deliver status reports and performance metrics to end users and business leadership.

**Environment:** Java 11, JSF, React, AngularJS, Bootstrap, Spring Framework, Hibernate, JPA, MapReduce, UDF, Hiva, Pig, JavaScript, Node JS, CSS, HTML, AJAX, JSF UI, ASP.Net MVC 5, Web API 2, SQL, React.js, React, GCP, ETL, Kafka, Kubernetes, Junit, Jasmine, GIT, JIRA

**Client: Edward Jones Dec 2018 – July 2021**

**Role: Full Stack Java Developer St. Louis, Missouri**

**Responsibilities:**

* Worked in **Agile** environments, including SCRUM, Kanban with a deep understanding of Agile principles and values.
* Worked with **Java 8's** default methods and interface evolution, enabling backward-compatible enhancements to existing **API**s.
* Performed performance analysis and fine-tuning of **Java 8** concurrent code, resulting in substantial enhancements in both throughput and scalability.
* Developed and implemented **Core** **Java** applications, applying object-oriented programming principles and design patterns to deliver robust and efficient code.
* Worked with upgrading of a large-scale **Angular 7** application to **Angular 8** version, ensuring a smooth transition and improved performance.
* Updated the project's dependencies, **Angular** core modules, **Angular CLI**, and other third-party packages, to the latest versions compatible with the target Angular version.
* Collaborated with the development team to ensure a smooth migration process, support throughout the transition.
* Deployed **Microservices** on cloud platforms like **AWS** and **Azure** leveraging cloud-native features for scalability and cost-efficiency.
* Utilized the TypeScript compiler to identify and address **TypeScript**-related migration issues, such as deprecated **APIs** or syntax changes, ensuring code compliance and maintaining project integrity.
* Built RESTful APIs using **Node.js and Express.js** to handle user authentication, product management, and order processing.
* Worked on **Spring Boot** to build the application's **Microservices** and web components.
* Integrated with external APIs such as **RESTful** using **MuleSoft** and web services using Java libraries and frameworks, facilitating seamless data exchange, and enhancing functionality.
* Wrote **Kafka** producers to stream the data from external rest APIs to **Kafka** topics.
* Implemented the **Model View Controller** (**MVC)** architecture using **backbone.js** and **angular.js, node.js.**
* Worked on cloud migration project, leveraging both **AWS and Azure** platforms to seamlessly transition an on-premises infrastructure to the cloud.
* Configured and managed container orchestration platforms, including **AWS ECS** and **Azure Kubernetes Service (AKS)**, to deploy and scale containerized applications.
* Integrated with **AWS API Gateway** and **AWS Lambda** to build and deploy RESTful APIs, providing seamless connectivity and enabling integration with external systems.
* Contributed to end-to-end development cycles, from designing database schemas to deploying scalable applications on **AWS.**
* Handled **Git** for version control, enabling efficient tracking of changes and collaboration among team members.
* Integrated **CI/CD pipelines** with containerization platforms like **Docker** to enable consistent and reproducible deployments.
* Deployed services to **Docker** to ensure it runs on all platforms without any interruptions.
* Used **Maven** to build the projects on the build server to behave the same on all platforms.
* Utilized **JIRA** as a project management tool throughout the project lifecycle, effectively planning, tracking, and managing tasks.

**Environment:** Java 8,Angular 7, Angular 8, MuleSoft, Microservices, RESTful, Node.js, Kafka, MVC, AWS, Azure, Azure Kubernetes Service (AKS), CI/CD pipelines, GIT, Docker, Maven, JIRA

**Client: General Motors June 2016- Nov 2018**

**Role: Java Developer Gujarat, India**

**Responsibilities:**

* Worked as a java developer in an agile **SDLC** environment and improved **Software Configuration Management (SCM)** infrastructure.
* Developed a **Java** application with database integration and developed the database schema and optimized data retrieval.
* Worked extensively with **Java 8's** functional interfaces and method references to create code that is highly modular and reusable.
* Worked with **Java 8** features like **Lambda Expressions** and **Functional Interfaces** to simplify data processing procedure and lowering code complexity.
* Employed **Python** scripting to automate data processing tasks, such as generating reports and performing calculations.
* Implemented **Object-Oriented Programming** principles, including classes, inheritance, and encapsulation, to ensure code reusability and maintainability.
* Developed and implemented a scalable and responsive web application using **React.js** and delivered seamless user experience and improved performance.
* Worked with **React UI** libraries such as **Material UI,** **Ant design**, and **Bootstrap** to develop the application in more responsive method.
* Implemented and maintained **AJAX** based rich client for improved customer experience.
* Implemented responsive and mobile-first design using **CSS** frameworks like **Bootstrap** or styled-components, ensuring cross-device compatibility and optimal user experience.
* Involved in extensive use of the different **Spring framework** features including **Spring MVC**, **Spring DAO**, **Spring AOP** and **Spring Templates**
* Implemented **Java Database Connectivity (JDBC**) to establish a connection with the database. Utilized **SQL** queries to perform **CRUD** operations.
* Designed and normalized the database schema, utilizing **Progress SQL** to define tables, relationships, and constraints.
* Worked with **AWS Identity and Access Management (IAM)** for managing user permissions, roles, and policies.
* Created unit tests to ensure that the **JSON** serialization and deserialization processes are working correctly.
* Implemented basic user input validation and implemented unit tests to ensure code reliability using **Junit**.
* Used **JBOSS** Server for successfully deploying the application.
* Used **JIRA** tool for task assignment, bug tracking, analysis and fixture.

**Environment:** Java 8, React, React.js, AJAX, CSS, Bootstrap, Spring MVC, Spring DAO, Spring AOP, Spring Templates, JDBC, SQL, AWS, Junit, JSON, JBoss, JIRA

**Client: DXC Technology Aug 2012 – May 2016**

**Role: Java Developer Hyderabad, India**

**Responsibility:**

* Worked on complete **Agile** development, story grooming, estimations, retrospectives, and spring planning.
* Developed web applications using **Java** technologies like **Servlets, JSP (Java Server Pages), and HTML/CSS.**
* Used **Core Java** to create an inventory management system that accurately recorded stock levels, orders, and sales.
* Developed and altered the user interface by building web applications with **Angular JS, CSS, and HTML** to display reports in different sizes.
* Used the **Angular 4** framework, a Single Page Application was made that can synchronize data with the server and bind data to views.
* Utilized Selenium Grid to create cross-browser applications that integrated services using **REST APIs** with **Ajax.**
* Worked with **AWS Identity and Access Management (IAM)** to create and manage users and groups with limited permissions.
* Developed and implemented pipelines utilizing **GIT, Maven, and Jenkins** tools to take advantage of Continuous Integration and Continuous Development processes.
* Utilized Linux Containers and AMIs to produce **Docker Images/containers** and **Kubernetes** while working with **Docker Containers.**
* Focused on test-driven development, which involved developing thorough **JUnit** tests for every single functional component before constructing the functional components themselves.
* Used **JIRA** to handle projects. To keep track of the progress, epics, tasks, and subtasks are established.

**Environment:** Java, Core Java, HTML, CSS, Angular JS, Angular 4, REST APIs, AJAX, GIT, Maven, Jenkins, Docker, Kubernetes, Junit, JIRA