

Overview

Results-driven Java Full Stack Developer with 7 years expertise in building scalable and responsive web applications. Skilled in utilizing Java, Spring Boot, and Angular to develop robust and user-friendly interfaces. Proficient in database management and RESTful API integration, ensuring seamless communication between front-end and back-end systems. Proven ability to meet project deadlines while maintaining high standards of code quality.

Profile Summary

- Building microservices architecture with Spring Boot CLI, enabling modular and scalable application development.
- Implementing Angular-based data synchronization with offline support for progressive web applications (PWAs).
- Collaborated with teams to resolve merge conflicts and ensure a smooth code integration process.
- Employing HTML validation techniques to ensure that web pages comply with the latest HTML standards and are free from errors.
- Integrating third-party Java APIs and services into the Java application for additional functionality.
- Skilled in utilizing CI/CD tools for automating database migrations and ensuring data consistency across different deployment environments.
- Collaborating with UI designers and front-end developers to ensure that CSS styles adhere to a responsive design approach.
- Utilizing Spring Session to manage and store user sessions efficiently in distributed systems.
- Extensive expertise in web development using the Agile methodology, contributing to iterative and collaborative project workflows.
- Implementing Bootstrap progress bars to indicate the completion status of lengthy processes or form submissions.
- Implementing ReactJS-based charts and data visualizations using libraries like Recharts or Chart.js.
- In-depth understanding of Java ThreadLocal class for handling thread-specific variables in multi-threading applications.
- Designing and implementing UI dashboards for data analytics and performance monitoring.
- Implementing content negotiation to allow clients to request specific data formats (e.g., JSON or XML).
- Creating and managing SQL jobs and schedules for automated database tasks and maintenance in a Database.
- Implementing cross-origin resource sharing (CORS) configuration in Spring Boot.
- Employing JavaScript ES6 features, such as arrow functions and template literals, to write cleaner and more concise code.

Skills

- **Advanced Java Proficiency:** Demonstrated mastery of Java 8 features for streamlined, functional programming. Skilled in Multithreading for effective parallel processing.
- **Spring Framework Mastery:** Proficient in Spring, particularly Spring Boot, for developing scalable and modular Java applications.
- **CI/CD Expertise:** Extensive experience implementing CI/CD pipelines for automated testing and deployment, with a specific focus on Java 8 and Spring Boot.
- **Front-End Development Skills:**
 - Angular Proficiency: Experienced in Angular frameworks for creating dynamic, interactive user interfaces.
 - React Proficiency: Skilled in using React to develop modern, responsive web applications.
- **Database Query Optimization:** Efficient in database querying, with a strong understanding of database concepts. Proficient in optimizing queries for improved efficiency, with an emphasis on Java 8 features.
- **RESTful API Design Proficiency:** Experienced in designing and implementing APIs to enable seamless communication between software components. Knowledgeable in leveraging Java 8 features and Spring Boot for API development.

Academics

- Bachelor of Technology, Oxford Engineering College-Trichy, Tamilnadu, India.
- MBA-Human resources management, Alagappa University-Karaikudi.

Certification

- Certified Full Stack Java Developer.

Employment History

Full Stack Development Manager

Employer- Central 1, Vancouver,BC

Tenure-Oct 2022- Present

Responsibilities-

- Utilizing Spring Batch Admin for monitoring and managing batch processing jobs, facilitating batch job administration.
- Implementing database logging and auditing mechanisms to track user activities and maintain data integrity.
- Knowledgeable in web analytics and tracking tools to monitor and analyze user interactions with web applications.
- Skilled in integrating container scanning tools (e.g., Clair) within CI/CD pipelines to identify vulnerabilities in container images before deployment.
- Utilizing HTML5 WebSockets to establish real-time communication between the client and server, enabling live updates and notifications.
- Implementing database performance monitoring and tuning strategies to optimize SQL Server DB performance.
- Applying CSS box model properties to control spacing and sizing of elements, ensuring consistent layout and spacing across the website.
- Optimizing HTML code for cross-platform compatibility and ensuring consistent rendering across various operating systems and devices.
- Mastery in designing and implementing CI/CD pipelines for compliance validation, ensuring adherence to industry standards and regulatory requirements.
- Collaborating with UX designers to implement Bootstrap-based autocomplete and search functionality for improved data exploration.
- Using Angular HttpClient Interceptors to add global error handling and logging for HTTP requests.
- Developing API middleware to perform cross-cutting concerns like logging and caching.
- Implementing custom metrics collectors with Spring Boot Actuator to track business-specific performance metrics.
- Styling CSS tooltips and popovers to provide additional information or context when users hover over specific elements.
- Employed Java for file handling and I/O operations, managing data effectively.
- Utilizing React useContext hook to manage global state and provide data to multiple components efficiently.
- Collaborating with DevOps teams to deploy and manage React applications on cloud platforms.
- Designing API responses to follow HATEOAS principles, enabling discoverability of related resources.
- Creating and presenting UI prototypes to clients and stakeholders for design feedback and approval.
- Implementing internationalization and localization using Spring Boot MessageSource.
- Configuring Spring Cloud Config Server for centralized management of configurations, allowing easy updates and maintenance.
- Thorough knowledge of web development best practices, ensuring code readability, maintainability, and scalability.
- Collaborating with front-end designers to implement Bootstrap-based testimonials sections with compelling user reviews.
- Employed Java for email filtering and spam detection, enhancing email security and user experience.
- Proven ability to identify and mitigate multi-threading issues, including deadlocks and race conditions.
- Implementing Angular forms and validation to handle user input and ensure data integrity.
- Styling and customizing JavaScript-based modal windows and pop-ups to display important information or collect user input.
- Implementing Spring Boot Starter for service registration and coordination with Apache ZooKeeper.
- Implementing Java security measures, such as encryption and secure communication protocols, to protect sensitive Java data.
- Implemented Git submodules for managing dependencies and external libraries.
- Utilizing Spring Boot @ControllerAdvice for global exception handling and advice.
- Using Angular template-driven and reactive forms for handling complex user input scenarios.
- Creating UI designs with seamless integration of branding elements for a cohesive user experience.
- Experience in implementing thread pooling strategies for optimal multi-threading resource management.
- Working with @AutoConfigureMemcached to enable caching using Memcached in Spring Boot.
- Integrating Spring Boot CLI with caching solutions like Redis to improve application performance and reduce database load.
- Familiar with Spring Core support for building reactive microservice architectures using Spring Cloud Kubernetes and AWS.
- Implementing React-based carousel sliders and image galleries with swipe and touch support for mobile devices.
- Utilizing JavaScript to create interactive quizzes and surveys with real-time feedback and scoring capabilities.

Java Development Engineer

Employer-Punjab National Bank,Delhi,IN

Tenure-Jul 2020-Sep 2022

Responsibilities-

- Implementing real-time messaging with Spring WebSocket and Spring Messaging, enabling instant communication between clients.
- Proficient in using web assembly (Wasm) to run high-performance, low-level code in web applications.
- Familiar with Spring Core support for building reactive microservice architectures using Spring Cloud Kubernetes and AWS.
- Styling CSS tooltips with custom animations and designs to provide additional context for user interactions.
- Developing applications with Spring Data Cassandra for integrating with Apache Cassandra, a scalable NoSQL database.
- Designing and implementing API data aggregation and filtering for optimized queries.
- Skilled in using web application firewalls (WAFs) to protect web applications from security threats.
- Implementing Spring Boot support for handling Webhooks and event-driven communication.
- Implementing responsive images using HTML attributes to optimize image loading and display based on device capabilities.
- Utilizing Angular i18n for internationalization to create multilingual applications.
- Developed Java applications for wildlife tracking and animal conservation research, supporting wildlife protection.
- Experience in designing lock striping techniques for partitioning shared resources and minimizing contention in multithreading.
- Using JavaScript to implement client-side caching mechanisms, such as Local Storage or Session Storage, to improve application performance.
- Integrating Spring Boot CLI with Apache Solr for advanced full-text search capabilities.
- Collaborating with front-end designers to implement responsive image carousels and sliders using JavaScript for dynamic content display.
- Skilled in implementing and customizing React.js forms for complex data structures, ensuring effective data management and user interaction.
- Designing and implementing visual data representations, such as charts and graphs.
- Skillful implementation of routing in React.js applications using React Router, facilitating seamless navigation and creating a smooth user experience.
- Implementing CSS transition effects on hover to provide smooth and subtle animation when interacting with elements.
- Building scalable and modular applications with JAVA Spring and Hibernate frameworks.
- Utilizing HTML5 "picture" element and "srcset" attribute to deliver different images based on device pixel density for better image optimization.
- Creating and maintaining database documentation, including data dictionaries and schema diagrams.
- Experience in implementing CI/CD pipelines with automatic rollback based on machine learning anomaly detection, enhancing deployment resilience.
- Engineered Java-based chatbots for customer service and support, enhancing customer interactions.
- Implementing Bootstrap list group component for displaying content in a list format.
- Implementing Angular-based image galleries and carousels with swipe and touch support for mobile devices.
- Experience with lock-free double-checked locking patterns using Java AtomicReference for efficient multithreading resource initialization.
- Skilled in implementing web development best practices for SEO, enhancing search engine visibility and rankings.
- Implementing Spring Boot support for handling server-sent events (SSE).
- Designing and implementing database replication and synchronization solutions to distribute data across multiple Database instances.
- Set up Git's post-merge hook to automatically perform actions after completing a merge in the database repository.

Associate Full Stack Engineer

Employer-RPG Group, Mumbai,IN

Tenure-Nov 2018-Jul 2020

Responsibilities-

- Skilled in utilizing front-end frameworks such as Bootstrap or Tailwind CSS for rapid and responsive web development.
- Implementing Java user authentication and authorization using Java frameworks like Spring Security

- Working with Spring Cloud Task and Spring Batch for creating and managing short-lived tasks and batch jobs.
- Proficient in using Spring Core support for externalizing configuration using @PropertySource and Environment interfaces.
- Implementing Java-based virtual assistants or chatbots for customer support.
- Utilizing Spring Boot @Scheduled for scheduling tasks and jobs in the application.
- Implementing React-based image galleries and carousels for showcasing visual content.
- Adept at utilizing JavaScript frameworks and libraries like jQuery for enhanced functionality in web development.
- Collaborated with the team to establish a Git workflow that includes tagging releases with version numbers, release notes, issue numbers, task identifiers, reviewers' names, sign-offs..
- Implementing JavaScript event listeners to handle user input, such as mouse clicks, keyboard events, and touch gestures.
- Designing API endpoints with proper resource naming conventions for clarity and consistency.
- Collaborating with stakeholders to define application performance metrics and monitoring strategies.
- Implementing Java-based emotion-aware virtual assistants for empathetic interactions.
- Applying accessibility principles and guidelines to ensure that web pages are inclusive and accessible to all users, including those with disabilities.
- Skilled in designing and implementing efficient thread-safe object pools for resource pooling in multithreading scenarios.
- Employing CSS best practices to ensure efficient code maintenance and adherence to coding standards.
- Designing and implementing database maintenance plans to ensure data consistency and system health.
- Creating UI designs with storytelling elements to enhance user engagement and retention.
- Leveraging Spring Boot to rapidly bootstrap applications, auto-configure components, and simplify deployment and monitoring.
- Implementing Bootstrap badge component to display notifications or counts on dynamic content.

Jr Java Engineer

Employer-Terumo Penpol,Kerala,IN

Tenure-Apr 2017-Nov 2018

Responsibilities-

- Skilled in using front-end frameworks like React Native or Ionic for building cross-platform mobile applications.
- Expertise in fine-grained locking strategies to minimize contention and achieve optimal multithreading performance.
- Designing and implementing event-driven APIs using technologies like Apache Kafka or RabbitMQ.
- Adept at utilizing version control systems like Git for efficient collaboration and codebase management in web development projects.
- Developed Java applications for sentiment analysis and social media insights, providing valuable data for social media strategies.
- Collaborating with back-end developers to define and integrate RESTful APIs, enabling seamless communication between front-end and back-end components.
- Implementing Java-based intelligent tutoring systems for personalised learning experiences.
- Skilled in implementing thread-safe memoization patterns using Java ConcurrentHashMap for optimal caching in multithreading scenarios.
- Employing HTML5 "contenteditable" attribute to create rich-text editing capabilities within the web application.
- Experience in utilizing Java 8 CompletableFuture for handling errors and exceptions in asynchronous programming scenarios.
- Employed Git's reflog with the --grep and --all options to search for specific patterns in the reflog entries of all references in the database repository.
- Designing and implementing API validation middleware for consistent data validation.
- Designing and developing web applications using Spring MVC, leveraging its powerful model-view-controller architecture to build scalable and modular systems.
- Participating in database schema design reviews and providing input for data modeling best practices in a Database.
- Applying CSS responsive typography techniques, such as fluid typography and viewport-based font sizing, to adapt text size based on screen dimensions.
- Developing and maintaining Java microservices architecture for scalable and distributed Java systems
- Extensive experience in optimizing web performance through techniques like lazy loading, image optimization, and code splitting.
- Implementing data caching mechanisms to improve the responsiveness of database-driven applications.
- Built custom Java plugins and extensions for existing software, enhancing functionality.
- Setting up testing in Spring Boot applications using JUnit and Mockito.
- Designing and implementing UIs with clear and concise error messaging for error handling.