Kishore

Full Stack Java Developer

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**Professional Summary:**

* Over 7 years of experience as a **Full Stack Java Developer** with a strong focus on designing and implementing scalable web applications.
* Proficient in front-end development using **Angular, ReactJS, jQuery, Bootstrap,** and **Tailwind CSS**, delivering responsive and user-friendly interfaces.
* Skilled in languages such as **HTML5, CSS3, JavaScript,** and **TypeScript** for robust client-side development.
* Experienced in backend development with **Java** and **Node.js**, creating efficient server-side applications.
* Expertise in frameworks including **Spring Boot**, **Spring Cloud**, **Express.js**, Struts, and JavaServer Pages (JSP) for building dynamic web applications.
* Strong knowledge of **microservices** architecture and RESTful **APIs**, ensuring modular and scalable application design.
* Proficient in database management with **MySQL**, **MongoDB**, **Oracle**, and Microsoft **SQL** Server, optimizing data storage and retrieval.
* Experienced in ORM tools like **Hibernate** and **Mongoose** for effective data manipulation and interaction.
* Skilled in data processing using **SQL**, **MongoDB** Aggregation Framework, and Spring Batch for efficient data handling.
* Knowledge in cloud technologies, managing deployments on **AWS**, Microsoft **Azure**, and **Google Cloud** for scalable solutions.
* Proficient in containerization with **Docker** and orchestration using **Kubernetes**, automating deployment processes for consistent environments.
* Experienced in CI/CD practices utilizing **Jenkins**, **GitHub** Actions, **Maven**, **Helm**, and **Terraform** to streamline build and deployment workflows.
* Strong understanding of DevOps and monitoring tools, including **Git**, **Apache** Subversion (SVN), **Amazon CloudWatch**, **Splunk**, **Checkmarx**, and **SonarQube** for maintaining code quality and system health.
* Familiar with testing frameworks and methodologies, employing **JUnit**, **Mockito**, **Postman**, and **Selenium** for comprehensive unit, integration, and API testing.
* Familiar with logging frameworks such as **Log4j** for effective application monitoring and troubleshooting.
* Proficient in Agile methodologies, utilizing **JIRA** for project management and team collaboration.
* Excellent communication and collaboration skills, effectively working within **Scrum** and **Kanban** frameworks to align development efforts with business objectives.

**Technical Skills:**

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| **Category** | **Tools/Technologies** |
| Frontend Development | Angular, ReactJS, jQuery, Bootstrap, Tailwind CSS |
| Languages | HTML5, CSS3, JavaScript, TypeScript |
| Testing | Selenium, Postman, JUnit, Mockito |
| Backend Development | Java, Node.js |
| Frameworks | Spring Boot, Spring Cloud, Express.js, Struts, JavaServer Pages (JSP) |
| Architecture | Microservices, RESTful APIs, MVC |
| Database Management | MySQL, MongoDB, Oracle, Microsoft SQL Server |
| ORM Tools | Hibernate, Mongoose |
| Data Processing | SQL, MongoDB Aggregation Framework, Spring Batch |
| Cloud Technologies | AWS, Microsoft Azure, Google Cloud |
| Containerization | Docker, Kubernetes |
| CI/CD Tools | Jenkins, GitHub Actions, Azure DevOps. GitLab |
| DevOps and Monitoring | Git, Apache Subversion (SVN), Amazon CloudWatch, Splunk, Checkmarx, SonarQube |
| Logging | Log4j |
| Agile Methodologies | JIRA |
| Project Management | Scrum, Kanban |
| Other Tools | Figma, BrowserStack |
| API Testing | Postman, JMeter |

**Professional Experience:**

**Client: IMF Aug 2023 – Present**

**Location:** **Washington, DC**

**Role: Full Stack Java Developer**

**Accountability:**

* Led the design and development to Upgrade existing UI **Angular, HTML5, CSS3, and JavaScript**, ensuring responsive design by using **Bootstrap** and cross-browser compatibility across platforms like Chrome, Firefox, and Safari.
* Extensive experience of Object-Oriented **JavaScript** design pattern and **JavaScript** MVC Patterns Preferably **Angular** JS for building UI Widgets and Application logic.
* Involved in development of Angular components across teams such as directives for grid, pagination, conditional validations.
* Collaborated with **UX/UI** designers using tools like **Figma** to build POCS and to translate design mockups into functional web pages that align with business objectives.
* Implemented the application using **Spring** IOC, **Spring** MVC Framework, **Spring** Batch, **Spring** Boot and handled the security using **Spring** Security.
* Adopted microservices architecture with **Spring Cloud**. Handled user registration, authentication, and authorization using Spring Security. Utilized **Spring Cloud** Gateway to route requests to the appropriate microservices and handle cross-cutting concerns such as security, logging, and rate limiting.
* Experience in Microservices architecture applications using **Spring Boot**, Spring Cloud config, Netflix OSS components (Eureka, Zuul, Hystrix), **Kafka**, Zookeeper, MySQL, Restful Web Services.
* Implemented ingestion services to connect to **RDBMS** using Kafka producer API's / **Kafka** Connect. Experience writing **Kafka** Stream applications using Kafka APIs and **Kafka** Streams API Implemented ingestion services to connect to RDBMS using Kafka producer API's / **Kafka** Connect.
* Implemented Object Relational **Hibernate** module technique to map data representation from MVC model to Oracle Relational data model with an **SQL**-based schema.
* Conducted comprehensive performance tuning of **SQL** queries, Indexes and databases configurations. Utilized normalization techniques to optimize data storage.
* Configured **Maven** to build and run the **selenium** automation framework and **Java** automation projects.
* Developed **Maven** Project Object Model (POM.xml) for compilation, packaging and deployment in the Apache Tomcat and Web Sphere Application servers.
* Automated the deployment process of **Java 11** applications using **Kubernetes** for container orchestration and **Docker** for continuous integration and delivery. Monitored and optimized **CI/CD** pipeline performance using **Jenkins** and **Maven** for buildmanagement and dependency resolution.
* Leveraged **Helm** to manage **Kubernetes** applications effectively, which resulted in improved resource utilization in downtime during updates and maintenance cycles.
* Established and configured **AWS** infrastructure, including VPC, EC2, S3, IAM, EBS, Terraform, Security Groups, Auto Scaling, and RDS using CloudFormation JSON templates, which resulted in reducing the overall billing of the application by 30%.
* Implemented serverless architectures with **AWS** Lambda and API Gateway, significantly reducing operational overhead while maintaining high performance and scalability.
* Ensured code reliability through unit and integration testing using **JUnit** and **Mockito** for testing the rest services and camel routes and achieving high test coverage and used **SonarQube** for static code analysis to maintain code quality.
* Implemented **flyway** scripts to create/manipulate database tables with DDL/DML Scripts.
* Conducted performance testing using **JMeter** and Implemented comprehensive testing strategies using **Postman** for **API** testing.
* Conducted thorough code reviews using **GitHub**, employing branching strategies like **GitFlow** to enhance collaboration and ensure code quality across the team.
* Collaborated with cross-functional teams to design and implement database migrations using **Flyway**, ensuring smooth transitions and minimal disruption during schema changes.
* Actively participated in Agile methodologies within **Scrum** frameworks, tools like **JIRA** for task management and backlog prioritization.
* Managed and resolved high-severity incidents, coordinating with cross-functional teams to implement effective solutions and prevent recurrence.

**Environment:** Angular, JavaScript, Spring Boot, Spring Cloud, Kafka, MySQL, Hibernate, Kubernetes, Docker, Jenkins, AWS (VPC, EC2, S3, IAM, RDS), Terraform, CloudFormation, JUnit, SonarQube, GitHub.

**Client: Entergy Aug 2022 – Jul 2023**

**Location: Houston, TX**

**Role: Full Stack Java Developer**

**Accountability:**

* Developed dynamic and responsive user interfaces with **ReactJS** and Redux, driving an increase in user engagement through improved interactivity and performance, while utilizing **CSS3** frameworks for styling.
* Implemented **React JS** to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Leveraged Virtual DOM modules and constant DOM manipulations through WebSocket’s listening to **REST API** through **React JS**.
* Developed applications using **React.js** and **Node.js** libraries, including NPM, Gulp directories, React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Optimized backend performance by implementing **Node.js** asynchronous processing, significantly improving application throughput by 50% and scalability using **Express.js** for server-side development.
* Utilized **JSON** web tokens for authentication and authorization security configurations using **Node.js** and used **UNIX** scripts for validating data files.
* Involved in various phases of Software Development Life Cycle (SDLC) of the application and Developed business components using **Java** Objects, Core **Java**, Multithreading and Collections Developed end to end application on **spring boot** framework (Rest Api Application/Spring JPA using Crud repository).
* Used JDBC API to establish connection between **Java** and Database and Created User defined exception classes using **Java11**.
* Integrated session cookies with **OAuth** to maintain secure user sessions across multiple applications and services.
* Designing the database schema, creating tables and views, and writing stored procedures, functions, and queries in **SQL** and developed Java utility programs to retrieve data from **SQL** Server.
* Implemented real-time data processing solutions using **SQL** Server Change Data Capture (CDC) to track changes in data and update applications dynamically, enhancing user experience and data accuracy.
* Extensive experience with hands on development in various **Spring** components like Spring MVC, AOP, Spring IOC, Spring JDBC, Spring JPA, Spring Securities and Spring Batch, Spring Boot, Spring Microservices, and swagger API's.
* Extensively worked on **spring boot** to simplify the process of configuring and to deploy the spring applications. Developed REST API's using Spring Boot.
* Utilized **Spring Boot** framework to develop the controller and service classes for interacting with the database. Used **Spring** Framework for Dependency injection and integration with other layers: Service objects, DAO etc.
* Experienced in database optimization and developing stored procedures, triggers, cursors, joins, views on **MYSQL** databases. Worked with NoSQL database **MongoDB**.
* Designed and developed a document-based database architecture by leveraging **MongoDB** Aggregation Framework for complex data processing and analysis in high-performance applications and improving query execution times using **Mongoose** for data modeling.
* Integrated **Azure** App Service with **Azure** Functions to create serverless back-end processes, improving application responsiveness and reducing operational costs.
* Designed and optimized database architectures using **Azure** SQL Database, implementing advanced querying techniques and performance tuning strategies that improved data retrieval times by 40%.
* Integrated **JUnit** tests into continuous integration pipelines using **Jenkins**, ensuring automated test execution upon code commits, which facilitated rapid feedback and reduced defect rates.
* Configured **Gradle** to run unit tests, Integration tests and functional tests using Junit and other testing frameworks.
* Integrated code quality tools such as Checkstyle, PMD and FindBugs into the **Gradle** build process to enforce coding standards and detect potential issues.
* Automated deployment pipelines using **Jenkins** and **Docker**, minimizing manual errors and accelerating the release cycle using CI/CD best practices and Automate the CI/CD pipeline by integrating **Checkmarx** and **SonarQube** scans for static code analysis.
* Developed and maintained unit tests for JavaScript applications using **Mocha** and **Chai** and Enhanced front-end testing processes by integrating Jasmine for behavior-driven development (BDD).
* Maintained a robust version control system using **Git**, efficiently tracking changes and collaborating with remote teams across multiple projects using **GitHub** for repository management.
* Successfully performed Sprint planning sessions using **Scrum** methodology, while utilizing Jira for project management and task tracking.
* Organized and led technical workshops on advanced topics such as **cloud** computing, DevOps practices, and software architecture, increasing team expertise and project capabilities.
* Conducted thorough root cause analyses for recurring incidents, leading to long-term fixes and improved system stability.
* Facilitated post-incident review meetings to analyze response effectiveness and implement improvements, decrease in recurring issues and enhanced team preparedness for future incidents.

**Environment:** ReactJS, Redux, Node.js, Express.js, Spring Boot, Java, SQL Server, MongoDB, Azure Functions, Jenkins, Docker, Git, CI/CD, SonarQube, Gradle, JUnit, OAuth, JSON Web Tokens.

**Client: Fiserv Jan 2021 – May 2022**

**Location:** **Milwaukee, WI**

**Role: Senior Java Developer**

**Accountability:**

* Developed Single page application framework **Angular JS** extensively using routing, services, views and directives.
* Designed dynamic client-side **JavaScript** codes to build web forms and simulate process for a web application, page navigation using **Angular8**.
* Built restful web services using **MongoDB/NodeJS** and implemented the front-end using **jQuery** and **AngularJS** controllers, directives, and service.
* Developed custom **AngularJS** filters for advanced data manipulation, including sorting, searching, and pagination, thereby streamlining data presentation and significantly improving user interaction and engagement.
* Developed and maintained robust Java applications using **Java** **SE8** and **Java** **EE 8**, implementing core functionalities and ensuring adherence to best coding practices and design patterns.
* Applied various design patterns like Singleton, Factory, Observer in **Java** projects to solve common design issues, improving code reusability and maintainability.
* Integrated **Java8** applications with messaging systems like **Apache Kafka** and **RabbitMQ** to facilitate asynchronous communication and improve system scalability.
* Implemented comprehensive security measures using **Spring** Security, establishing robust authentication and authorization protocols to protect sensitive data and ensure compliance with industry standards.
* Optimized database interactions by integrating **Spring** with Hibernate, utilizing HQL for complex queries to enhance data access performance and streamline data retrieval processes.
* Utilized **Spring** AOP to manage cross-cutting concerns such as logging and transaction management, resulting in improved code modularity and maintainability, and facilitating easier debugging and monitoring.
* Designed and implemented **Docker**-based **CI/CD** pipelines, automating build, test, and deployment processes to ensure consistent and reliable software delivery across multiple environments.
* **Containerized applications and dependencies using Docker** for a real-time financial application, creating consistent development, testing, and production environments. This improved team collaboration, reduced deployment issues, and streamlined CI/CD processes, leveraging Docker Compose for efficient multi-container management.
* Integrated **Docker** with **Jenkins** for automated testing and deployment, enhancing the continuous integration workflow and ensuring rapid delivery of high-quality software products.
* Database development required creation of new tables, PL/**SQL** Stored procedures, functions, views, indexes and constraints, triggers and required **SQL** tuning to reduce the response time in the application.
* Build and maintain **SQL** scripts, indexes, and complex queries for data analysis and extraction. Integrated **Grafana** with various data sources of Elasticsearch, and SQL to visualize complex data and generate insightful reports.
* Entity Beans used for accessing data from the **SQL** Server database.
* Automated deployment processes using **AWS** CloudFormation, enabling infrastructure as code for consistent environment provisioning and streamlined management of cloud resources.
* Implemented proactive monitoring and alerting solutions using **AWS** CloudWatch, ensuring optimal application performance and availability through real-time insights and alerts.
* Configured **Maven** dependencies for application building processes and also used for compilation, packaging and deployment in the Apache Tomcat and Web Sphere Application servers.
* Utilized **Postman** for comprehensive API testing, validating RESTful services to ensure accurate data exchange between client and server, thereby enhancing overall system reliability.
* **Executed cross-browser testing using BrowserStack** for a live e-commerce platform, ensuring consistent functionality and appearance across all major browsers and devices. Addressed and resolved real-time compatibility issues, enhancing user experience and reliability during peak usage periods.
* Utilized **SonarQube** for continuous code quality inspection, identifying code smells and vulnerabilities to improve maintainability and adherence to best coding practices.
* Resolved merge conflicts and performed code merges using **Git**, facilitating smooth integration of changes from multiple branches and ensuring version control best practices.
* Collaborated with cross-functional teams throughout the SDLC, ensuring alignment between development, testing, and deployment activities, and fostering a culture of continuous improvement in Agile environments.

**Environment:** Angular 8, JavaScript, Node.js, Java SE8, Spring Boot, Spring Security, Hibernate, MongoDB, Apache Kafka, RabbitMQ, Jenkins, Docker, SQL Server, Elasticsearch, AWS CloudFormation, AWS CloudWatch, Git, SonarQube, Agile, Scrum.

**Client: ProArch Sep 2019 – Dec 2020**

**Location: Hyderabad, India**

**Role: Java Developer**

**Accountability:**

* Led the creation of web pages utilizing **HTML, CSS, and JavaScript**, addressing cross-browser compatibility issues across Internet Explorer, Firefox, and Chrome.
* Employed **jQuery** selectors for efficient manipulation of the Document Object Model (DOM) and navigation between various web pages within the application.
* Engineered the presentation layer through **HTML** and **JavaServer Pages** (JSP), leveraging the Struts framework for MVC architecture.
* Constructed the middle-tier logic using Enterprise **JavaBeans** (EJBs) for robust business processing.
* Developed and implemented session beans, entity beans, and message-driven beans to enhance application functionality and communication.
* Applied security best practices in **Java8** applications, including encryption and authentication, to safeguard sensitive data.
* Implemented real-time data processing and WebSocket communication in **Node.js** for live updates in applications.
* Utilized entity beans to facilitate data retrieval from Microsoft **SQL** Server databases.
* Deployed the application on the WebSphere Application Server, configuring it for optimal performance and ensuring seamless operation across both development and production environments, while collaborating with the DevOps team to automate deployment processes using Jenkins.
* Integrated testing methodologies using **JUnit** to ensure code quality and reliability.
* Managed project lifecycle using **Eclipse** IDE, facilitating efficient coding, debugging, and deployment processes.
* Implemented logging mechanisms using **log4j** for monitoring application performance and troubleshooting.
* Utilized **Git** for version control management, enhancing team collaboration and maintaining a comprehensive history of changes, which facilitated efficient code reviews and streamlined the development workflow.
* Operated within a Windows NT operating system environment, supporting the development and deployment of the application.
* Leveraged **BigQuery** for analyzing large datasets stored in Google Cloud Storage, enabling data-driven decision-making.
* Utilized **Google Cloud AI Platform** for developing machine learning models, driving innovation and competitive advantage.
* Implemented monitoring, logging, and alerting solutions for **Kubernetes** environments using **Google Cloud operations** suite, ensuring operational excellence and proactive issue resolution.
* Applied Agile methodologies **Kanban** to manage project workflows, participate in sprint planning, and deliver iterative improvements.

**Environment:** HTML, CSS, JavaScript, jQuery, Struts framework, Enterprise JavaBeans (EJBs), Java 8, Node.js, Microsoft SQL Server, WebSphere Application Server, Jenkins, JUnit, Eclipse IDE, Git, BigQuery, Google Cloud AI Platform, Kubernetes, Google Cloud operations suite, Agile methodologies (Kanban).

**Client: Global Logic Aug 2017 – Sep 2019**

**Location: Bangalore, India**

**Role: Java Developer**

**Accountability:**

* Designed and implemented static and dynamic web pages using **HTML5** and **CSS3** to create user-friendly and visually appealing interfaces.
* Developed interactive features and enhanced client-side functionality using **JavaScript** and **jQuery**, including form validation, dynamic content updates, and **AJAX** requests to improve user experience.
* Utilized JavaServer Pages (**JSP**) to generate dynamic web content and integrate Java-based backend logic with frontend presentation.
* Developed and maintained enterprise-level applications using **Java8** and **J2EE** technologies, adhering to object-oriented principles and design patterns.
* Implemented **Spring**-**Core** for dependency injection and transaction management. Utilized Spring **JDBC** for streamlined database interactions and to handle **CRUD** operations efficiently.
* Managed **Java** Servlets to process requests and generate dynamic responses, enabling interaction between web clients and server-side components.
* Employed **Apache Struts** framework to streamline the development of web applications with MVC architecture, facilitating clean separation of concerns and code reusability.
* Set up and managed continuous integration and continuous deployment pipelines to automate the build, test, and deployment processes, enhancing development efficiency and reducing manual errors.
* Crafted complex **SQL** queries for data manipulation and retrieval to support application requirements, ensuring optimal performance and accuracy.
* Worked with **Oracle** databases to design schema, create tables, and perform data operations. Integrated JDBC for effective database connectivity and transaction handling.
* Deployed applications on **AWS**.
* Applied **JUnit** for unit testing Java components, validating individual functionalities, and ensuring that code changes did not introduce new bugs or issues.
* Implemented **Log4j** for logging and monitoring application behavior.
* Used **Apache** Subversion (SVN) for version control to manage source code changes, track modifications, and coordinate team efforts, ensuring code integrity and historical tracking.
* Agile practices to manage project development in iterative cycles. Facilitated regular sprints, stand-up meetings, and feedback sessions to adapt to changing requirements and ensure continuous delivery.

**Environment:** HTML5, CSS3, JavaScript, jQuery, AJAX, Java Server Pages (JSP), Java8, J2EE, Spring-Core, Spring JDBC, Java Servlets, Apache Struts, MVC architecture, Continuous Integration (CI), Continuous Deployment (CD), SQL, Oracle, JDBC, AWS, JUnit, Log4j, Apache Subversion (SVN), Agile practices.

**Education:**

* Master's Degree - Computer ScienceCGPA-3.58/4 Aug 2022 - May 2024

*Texas state University, San Marcos, TX, USA.*

* Bachelor's Degree - Computer Science CGPA-7.62/10 July 2015 - May 2019

*Gitam University, Vizag, INDIA.*