**Harish Kumar Valishetti**

**Java Full Stack Developer**

**Phone**: +17742717444

**E-Mail**: harishvarma0525@gmail.com

**Linked In:** <www.linkedin.com/in/harish-kumar-valishetti>

**PROFESSIONAL SUMMARY:**

* With more than 10+ years of experience as a Java Full Stack Developer, I specialize in both backend and frontend development, dedicated to building robust and high-performance software solutions.
* Expertise in a comprehensive range of programming languages, including **Java** (7, 8, 11, 17), **C**, **C++,** **JavaScript**, **Python**, **SQL**, and **PL**/**SQL**, showcasing versatility and adaptability in diverse development environments.
* Proficient in leveraging **Java/J2EE** technologies such as **Core Java**, Servlets, Spring, **Spring Boot**, Hibernate ORM, JPA, and JDBC to deliver robust backend services.
* Skilled in employing advanced frameworks and libraries like **Spring Cloud**, **Spring Security**, Hibernate, Struts, and Thyme leaf to enhance application functionality and user experience.
* Proficient in implementing different types of frameworks like **Spring**, ORM frameworks like Hibernate & Spring JPA and Distributed messaging using **Kafka**.
* Skilled in database design and management with **Oracle, MS SQL, MySQL**, leveraging **NoSQL** databases like **MongoDB, Cassandra, and CouchDB**. Expert in **PL/SQL, PostgreSQL**, and data processing with tools like **BigQuery and Spark**.
* Demonstrated ability in applying design patterns including Singleton, MVC, DAO, and Builder, ensuring software solutions are scalable, maintainable, and efficient.
* Experienced in client-side scripting and JavaScript frameworks, including extensive work with **AngularJS, React.js, Redux, EXT.js, Backbone.js, Require.js**, and server-side JavaScript with **Node.js and Express.js**.
* Adept in modern web technologies and frameworks such as **HTML5**, **CSS3**, **SCSS**, **Bootstrap**, **Angular**, ReactJS, and Vue.js, crafting responsive and dynamic user interfaces.
* Extensive experience with relational and **NoSQL** databases including **MySQL**, **PostgreSQL**, **Oracle**, **MongoDB**, and Cassandra, enabling the development of data-driven applications.
* Proficient in designing and integrating **RESTful** and **SOAP** web services, facilitating seamless communication between client and server-side applications.
* Experienced in message-oriented middleware technologies such as **Apache** **Kafka**, JMS, **RabbitMQ**, and **IBM** **MQ** for building reliable, scalable, and asynchronous communication layers.
* Familiarity with leading web application servers like **Apache** Tomcat, **IBM** **WebSphere**, and Oracle **WebLogic**, ensuring applications are deployed and run smoothly across various environments.
* Utilizes a broad array of testing tools including **JUnit**, **Mockito**, and Cypress, guaranteeing high-quality code through comprehensive testing strategies.
* Hands-on experience with big data technologies such as **Apache Spark**, skilled in data visualization with **Kibana**, providing actionable insights for strategic decision-making.
* Proficient in version control and team collaboration tools such as **Git**, SVN, and Bitbucket, enhancing team productivity and ensuring efficient code management.
* Deep understanding of cloud technologies and **DevOps** tools including **AWS**, Azure, **Docker**, and **Kubernetes**, enabling the development and deployment of applications in cloud environments.
* Implements Agile, Scrum, and **TDD** methodologies to drive efficient project management and development processes, adapting swiftly to changing requirements.
* Mastery of build tools like **Maven** and Gradle for automating build processes and dependency management, streamlining the development workflow.
* Comfortable working across various **IDEs** such as Eclipse, **IntelliJ**, and Visual Studio, optimizing development efficiency through sophisticated tooling.
* Operates effectively across multiple **operating** **systems**, including **Windows**, **Linux**, and **Unix**, ensuring application compatibility and performance.
* Dedicated to continuous learning and professional development, keeping abreast of the latest industry trends and technologies.
* Skilled in leveraging project management tools such as **JIRA** and **Trello** for effective team collaboration, task tracking, and agile project execution, ensuring timely delivery of high-quality software solutions.
* Integrated **OAuth** 2**.**0 authentication across Authorization Code, Implicit, and Client Credentials flows, enhancing Single Sign-On (SSO) for seamless user experiences in SPAs such as Angular and React, and enabled secure logins via third-party services (e.g., Google, Facebook), improving accessibility and user engagement.
* Renowned for strong analytical and problem-solving skills, adept at overcoming complex technical challenges.
* Proven leadership capabilities, with experience in guiding development teams and fostering an environment of learning.
* Hands-on experience with big data technologies such as **Apache Spark**, skilled in data visualization with **Kibana**, providing actionable insights for strategic decision-making.
* Experience in **CI**/**CD** build tools such as **Jenkins** and quality check using **SonarQube**.
* Emphasizes attention to detail in all aspects of development, from coding standards to user experience, ensuring delivery of high-quality software products.
* Demonstrates a commitment to excellence, driving projects to completion on time and within budget, while meeting or exceeding quality standards.
* Proficient in project management and documentation using **JIRA, Swagger**, and **Grafana**; experienced in data processing and system monitoring with Apache Camel, **Kibana**, Nexus, Hadoop, Jersey, Prometheus, Pig, Hive, MapReduce, and system.
* Experience of application development in different environments like Windows 98/NT/2000/XP, Linux and UNIX.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages** | C, C++, Java 7/8/11/17, JavaScript, Python, SQL, PL/SQL |
| **Java/J2EE Technologies** | Core Java, Servlets 3.x, Spring 3.x/4.x/5.x, Spring Boot 2.x, Hibernate ORM, JPA, JTA, JDBC, EJB 2.x/3.x, JSP, JSTL, RMI, Swing, Applets, AWT. |
| **Frameworks** | Struts 2.5, Hibernate, Spring batch, Spring Data, Spring Security, Spring Actuators, Spring MVC, Spring Web, Spring IOC, Spring Cloud, Thyme leaf.  |
| **Design Patterns** | Singleton, Builder, Template, MVC, DAO, Front controller, Session Façade, Business Delegate, Bean Factory, Service Locator. |
| **Web Technologies** | HTML4/5, XHTML, CSS3, SCSS, Bootstrap 4/5, JavaScript, jQuery, XML, XSL, XSLT, JSON, NodeJS, Express JS, AngularJS, Angular 8/9/10/11, ReactJS, TypeScript, Redux, Vue.js |
| **Databases** | MySQL, PostgreSQL, SQL Server 2012/14/16, Oracle 10g/11g/12c, MongoDB, DB2, BigQuery, Cassandra. |
| **Web Services** | SOAP, WSDL, JAX-RS, JAX-WS, RESTful, Graph QL, XSD |
| **Messaging and Authentication** | JMS, Apache Kafka, RabbitMQ, Apache Active MQ, OAuth2.0 |
| **Web Application Servers** | IBM WebSphere 6.x/8.x, Apache Tomcat 6.x/7.x/8.x, Oracle WebLogic 9.x/10.x, JBoss |
| **Testing Tools** | Junit 5, Mockito, Jasmine, Kibana, Karma, Cucumber, Mocha, Chai, Cypress. |
| **Logging and Monitoring** | Log4J, Slf4J, Cloud watch. |
| **Version Control** | Bit Bucket, Clear Case, SVN, Git, GitHub |
| **Cloud Technologies / DevOps tools** | AWS (EC2, S3, DynamoDB, ECS, ECR, RDS, Kubernetes, Far Gate, CloudWatch), GCP, Jenkins, Docker, Azure, IBM Cloud Private |
| **Methodologies** | Agile, Waterfall, Scrum, TDD (Test Driven Development), BDD |
| **Build Tools** | Maven, Gradle, Ant |
| **IDE** | Eclipse, NetBeans, Spring Tools Suite (STS), IntelliJ IDEA, Sublime text, Microsoft Visual studio |
| **Operating Systems** | Windows 10/11, Linux, Unix |
| **Code Quality, Documentation & Project Management Tools** | SonarQube, Sonar Lint, Swagger, Postman, JIRA, Trello |

**WORK EXPERIENCE:**

**Client: DaVita Health Care, Boston, MA Jan 2023 to Present**

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

**Responsibilities:**

* Design and implement scalable, maintainable software solutions using **Java (11/17), Spring Framework,** and **Hibernate ORM** adhering to microservices architecture best practices.
* Lead the architecture and **design** of complex system components, ensuring compliance with **SOLID** principles.
* Develop responsive and user-friendly web applications using **Angular, HTML5, CSS3, Bootstrap5, JavaScript, and TypeScript**.
* Utilize advanced features of **Java 11** and **Java 17** for developing high-performance, secure, and modern Java applications.
* Lead the migration of legacy Java applications to newer versions **(Java 11/17),** leveraging performance improvements and new APIs.
* Optimize multi-threading for **Core Java** applications and minimize memory leaks in Core Java code.
* Design and implement scalable and resilient microservices architectures using **Spring Boot, Spring Cloud,** and related **Spring technologies**, ensuring services are efficiently decoupled and communicate effectively through well-defined APIs.
* Implement robust security protocols across microservices using **Spring Security** and **OAuth2** for secure API access, ensuring software compliance with data protection regulations.
* Architect and deploy highly available, scalable, and fault-tolerant systems on **AWS**, utilizing services such as **EC2, ECS, S3, and RDS**.
* Utilize **Spark** for large-scale data processing and analytics, employing **Big Query** for efficient handling of extensive datasets.
* Design and implement AWS cloud security strategies, including IAM roles and policies, Security Groups, and VPCs.
* Leverage AWS monitoring and logging services like **CloudWatch** and AWS CloudTrail for proactive issue resolution and system optimization.
* Integrate data between **Big Query** and other sources.
* Design, develop, and maintain both relational and non-relational databases using **SQL, MongoDB, and Hibernate ORM,** optimizing data integrity and query performance.
* Leverage **JDBC** for efficient database connectivity and data manipulation, ensuring robust data access and interaction within Java applications.
* Utilize **AWS Lambda** for serverless backend scripts in **Python** and **Node.js**, integrated with API Gateway for scalable RESTful APIs.
* Conduct system monitoring and performance tuning using **Elasticsearch** and **Kibana**, focusing on high application performance and availability.
* Developed restful Web-services using Django Rest framework in Python.
* Implement **JPA** for database operations, utilizing it to simplify data persistence in Java applications through ORM mapping, enhancing code maintainability and database portability.
* Manage **CI/CD** pipelines using **Jenkins, Maven, and Git,** streamlining deployment processes, and ensuring code quality.
* Monitor application performance with **Actuators, CloudWatch, and Elastic Search**, adjusting resources and configurations for optimal performance.
* Lead code reviews, ensuring adherence to coding standards, and developing automated test suites using **JUnit, Mockito, and Cucumber** to facilitate **BDD**.
* Design and execute front-end unit and integration tests using **Jasmine, and Karma**, ensuring comprehensive coverage and reliability of Angular applications, while maintaining code quality and facilitating continuous integration practices.
* Facilitate BDD sessions with product owners, developers, and QA teams to create executable specifications using **Cucumber**, enhancing communication, and understanding across teams and ensuring alignment with business goals.
* Skilled in setting up and managing Multi-Factor Authentication systems to enhance security by requiring multiple forms of verification.
* Proficient in implementing various authentication methods, including biometrics, OTPs, and mobile app verification, to secure user access.
* Experienced in configuring SAML-based Single Sign-On (SSO) integrations for seamless authentication across web services and Adept at troubleshooting SAML authentication issues and managing identity and service provider configurations.
* Experienced in integrating Okta for identity and access management, including Single Sign-On (SSO) setup across various applications.
* Proficient in automating user lifecycle processes with **Okta** and implementing Okta Multi-Factor Authentication for enhanced security.
* Mentor junior developers, fostering a collaborative environment and elevating team skills through knowledge sharing.
* Create and maintain comprehensive documentation for system architecture, **API** specifications using **Swagger**, and user guides.
* Pioneered the integration of **Apache Kafka** for building robust event-driven architectures, enhancing system responsiveness and inter-service communication in microservices environments.
* Part of team implementing REST APIs in Python using micro-framework like Flask with SQL Alchemy.
* Enhanced containerization strategies using **Docker**, optimizing local development, and simplifying deployment processes, coupled with **Kubernetes** for orchestration, achieving high availability and seamless scalability.
* Advanced the use of **Elastic Load Balancers** within **AWS** to ensure even distribution of incoming application traffic across multiple instances, improving application availability and fault tolerance.
* Leveraged **Angular** Material and advanced **CSS** techniques to create consistent and compelling user interfaces, enhancing user engagement and satisfaction.
* Developed and maintained an internal framework based on **Spring Boot**, encapsulating common patterns and practices for microservices, accelerating new service development, and ensuring architectural consistency.
* Advocated for and implemented API Gateway patterns using **Spring Cloud Gateway**, providing a unified entry point for microservices, simplifying client access, and enforcing security policies.
* Directed the adoption of serverless architectures with **AWS Lambda** for certain microservices, reducing operational costs and scaling automatically in response to incoming requests.
* Master **Git** version control practices, implementing branching strategies, and ensuring efficient team collaboration and code management across distributed environments.

**Environment: Java 11/17, J2EE, Spring 5, Spring MVC, Microservices, Spring Boot 2.5.x/2.6.x, Spring AOP, Spring Security, Spring Web, Actuators, Spring JPA, Design Patterns, Angular 13/15, HTML5, CSS3, Bootstrap5, JavaScript, TypeScript, AJAX, jQuery, RESTful API, Hibernate ORM, Apache Tomcat Server 9.x, SQL, Core Java, MongoDB 5.x, Mongoose Connector, OAuth 2.0, Jenkins, Docker, Big Query Kubernetes, AWS, S3,** **Kibana EC2, ECS, RDS, Elastic Load Balancer, Python, Apache Kafka, CI/CD, BDD, JSON, API Life Cycle, Junit 5, Mockito, Jasmine, Karma, Cucumber, Slf4J, Cloud Watch, Okta, SAML, MFA, Git, JIRA, Swagger 3.x, Elastic Search, Maven 3.0, Git, GitHub, IntelliJ, Design Documents, Linux, Slack.**

**Client: Bank of America, San Francisco, CA Oct 2021 to Jan 2023**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Lead the design and implementation of scalable, high-performing web applications using **Java 8/11, J2EE, and Spring Boot**, integrating frontend technologies such as **ReactJS and Redux**.
* Proficient in developing applications using **Java 8/11**, leveraging the latest language features and enhancements to ensure code efficiency, readability, and maintainability.
* Stay updated with advancements in the Java ecosystem, including **Java 8/11**, to incorporate best practices and optimize application performance and compatibility with evolving industry standards.
* Architect and develop microservices using **Spring Boot, Spring Cloud, and Kubernetes**, focusing on creating loosely coupled, independently scalable services.
* Implemented centralized configuration management with Spring Cloud Config, streamlining processes and reducing deployment timelines.
* Utilize **Kibana** for log analysis, real-time monitoring, and data visualization.
* Develop and secure RESTful services with **Spring MVC, JAX-RS,** employing OAuth 2.0 for API security and managing API contracts using Swagger.
* Expertise in database management and connectivity with proficiency in JDBC for robust SQL interaction, Hibernate ORM for performance-enhanced object-relational mapping, and Spring Data JPA for simplified data access.
* Advanced skills in designing and optimizing both SQL and NoSQL databases, with a particular focus on DynamoDB, ensuring high performance and scalability.
* Proficient in full-stack log management using the **ELK stack (Elasticsearch, Logstash, Kibana**) for comprehensive log analysis and insights.
* Comprehensive testing strategy development, including unit **(JUnit5),** integration, and end-to-end testing (Mockito, Cypress), coupled with **Test-Driven Development (TDD)** practices for enhanced software quality and reliability.
* Extensive experience in AWS cloud infrastructure management and architecture, utilizing EC2, S3, Lambda, and IAM Security Groups for secure, scalable solutions.
* Demonstrated ability to implement scalable, cost-effective AWS solutions leveraging **Lambda, DynamoDB, S3, and CloudFront** for efficient processing and content delivery.
* Strong version control skills using **Git**, with experience in branching strategies, pull requests, and code reviews to foster collaboration and maintain high code quality.
* Proficient in creating detailed technical documentation and API testing with **Postman**, ensuring clear communication and thorough understanding of functionalities.

**Environment: Java 8/11, J2EE, Spring Boot 2.5.x/2.6.x, Spring Microservices, Spring Data JPA, Spring MVC, Actuators, Security, AOP, Security, Hibernate 5.5.x, Java Mail, Socket Programming, Design Patterns, Single Sign On (SSO), Single Page Applications (SPA), JDBC, Scala, RESTful API, JAX-RS, ReactJS, Redux, HTML5, CSS3, JavaScript, AJAX, XML, Design Patterns, SQL, DynamoDB, Jenkins, Junit5, Mockito, Cypress, AWS Cloud, Lambdas, S3, IAM Security Groups, Kubernetes, OAuth 2.0, Apache Kafka,** **Kibana, TDD, Log4J, CloudWatch, CI/CD, Agile, Git, Linux, Maven 3.8.x, IntelliJ, Postman, Swagger, SonarQube, Design Documents, GitHub, JIRA.**

**Client: VIR Biotechnology, San Francisco, CA. May 2019 to Sep 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Architect, design, and implement enterprise-level applications using **Java, J2EE, Spring Framework**, and **Hibernate ORM,** focusing on scalability, resilience, and maintainability.
* Design and develop microservices using Spring Boot and Spring Cloud for dynamic scaling, service discovery, configuration management, and gateway routing.
* Design resilient and fault-tolerant microservices by implementing advanced patterns such as Circuit Breaker, Config Server, and Service Registry with **Spring Cloud**.
* Optimize inter-service communication within the microservices architecture using event-driven approaches and messaging systems like **Apache Kafka** to ensure high responsiveness and scalability.
* Develop enterprise-level applications with **Core** **Java** and **J2EE**, ensuring robust backend functionality and system efficiency**.**
* Implement blue-green deployment strategies for microservices on **GKE** to minimize downtime and risk during new releases, ensuring seamless end-user experiences.
* Design and develop RESTful APIs using **Spring MVC** for data exchange and integration with frontend technologies, implementing security with JWT and OAuth 2.0.
* Utilize **JPA** (with Hibernate) for ORM and manage high-volume databases using **Apache Cassandra**, including schema design and query optimization.
* Integrate Angular-based applications using RESTful services, ensuring responsive and cross-browser compatible user interfaces with **HTML5, CSS3, and Bootstrap4**.
* Implement security protocols using **Spring Security, JWT**, and **OAuth 2.0** to safeguard applications against vulnerabilities.
* Implement caching strategies and optimize server-side performance with **NodeJS** for efficient data operations.
* Develop and maintain automated tests using **JUnit, Mockito, Jasmine, Karma, and Selenium** to ensure code quality and application stability.
* Utilize Jenkins for **CI/CD** pipelines to ensure efficient code testing and deployment, integrating SonarQube for continuous code quality checks.
* Containerize applications using Docker and manage deployments on **Google Kubernetes Engine (GKE)** for scalable application distribution.
* Leverage GCP's Pub/Sub for asynchronous messaging and event-driven architectures, facilitating decoupled services for enhanced scalability and maintenance.
* Utilize GCP's Cloud Functions for serverless execution of code in response to events, reducing operational costs and simplifying deployment workflows.
* Implement **GCP's Cloud Armor** to secure microservices from DDoS attacks and other web-based threats, ensuring robust security at the network edge.
* Leverage **Google Cloud Platform** services including Google Cloud SQL and **Cloud Spanner** for database services and computer services for application hosting.
* Implement logging using **Log4j** and **Google Cloud Logging**, setting up monitoring and alerting for microservices using GCP’s monitoring tools.
* Create comprehensive design documents and API documentation using **Swagger** and **Postman** for effective team communication and future reference.

**Environment**: **Java 8/11, J2EE, Spring 5.2.x/5.3.x, Spring Boot 2.2.x/2.5.x, Spring MVC, Spring Security, Spring Cloud GCP 1.2.x/2.0.x, Spring JPA, Hibernate ORM 5.4.x, JTA, JWT, Spring Microservices, Design Patterns, RESTful API, JSTL, XML, XSD, EJB, JDBC, HTML5, CSS3, Bootstrap4, JavaScript, TypeScript, Angular10/12, jQuery, DOM, JAX-B, Apache Cassandra, Scala, Apache Tomcat Server, OAuth 2.0, Junit 5, Mockito, Jasmine, Karma, Selenium, GCP, Google Cloud SQL, Cloud Spanner, Apache Kafka, Elastic search 7.x, Google Cloud Logging,** **NodeJS,Core Java,GKE, Log4j, Microsoft Visual Studio, Spring Tools Suite (STS), Maven 3.6.x, Docker, Jenkins, CI/CD, SonarQube 8.x, Postman, Swagger, Agile, Design Documents, Windows.**

**Client: State of Maine, Augusta, ME. Aug 2016 to May 2019**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Expertise in designing, developing, and maintaining scalable, high-availability applications using **Java 8 and 11**, leveraging advanced features for functional programming, improved performance, and security.
* Proficient in architecting and implementing microservices with **Spring Boot (2.1.x/2.2.x)**, **Spring Cloud, and Spring Security**, ensuring scalable, resilient, and modular applications.
* Advanced knowledge in securing applications and microservices with OAuth2 and JWT for authentication and authorization, enhancing data protection and secure communication.
* Skilled in ORM and database operations using **Hibernate (5.3.x/5.4.x)**, optimizing application performance and data management.
* Demonstrated ability in building responsive, user-friendly web frontends using **Angular** (7/8), **TypeScript**, and **Bootstrap 4**.
* Proficiency in containerization with Docker and orchestration with **Kubernetes** (1.12.x/1.18.x), automating deployment, scaling, and management.
* Deep expertise in AWS cloud services, including **S3, EC2, and ECS**, for developing scalable, reliable, and secure cloud-native applications.
* Implemented **CI/CD** pipelines with Jenkins, integrating automated testing and deployment for rapid and reliable application delivery.
* Comprehensive testing experience using **JUnit 5, Mockito** for Java backend, and **Mocha + Chai** for JavaScript frontend, ensuring high application quality.
* Knowledge in microservices design patterns, including API gateway integration and distributed logging with **CloudWatch**, to build resilient systems.
* Proficient in managing MongoDB (4.0.x/4.2.x) with Mongoose for optimal data storage and high-performance applications.
* Leveraged **AWS** for advanced cloud architecture patterns, focusing on high availability, disaster recovery, and auto-scaling, with an emphasis on security and compliance.
* Utilized **Git/GitHub** for effective version control and collaboration, adhering to best coding practices.
* Designed and documented **APIs** using **Swagger**, promoting clear communication among development teams and external partners.
* **Agile** methodology advocate, applying Scrum principles to improve processes, products, and team collaboration.
* Continuously updated Java skills, incorporating the latest trends and practices like Streams API and the new Date/Time **API** in **Java** **8**, and modularization in **Java** **11**.
* Efficiently used development tools including **Eclipse** **IDE**, **Visual** **Studio** **Code**, Maven (3.6.x) for dependency management, and Insomnia for **API** **testing**.

**Environment**: **Java 8/11, Spring Boot 2.1.x/2.2.x, Microservices, Spring Cloud, Spring data JPA, Spring Security, Spring Web Flux, Spring MVC, Spring Actuators, OAuth, JWT, Hibernate 5.3.x/5.4.x, Angular 7/8, TypeScript, JSON, Handlebars.js, HTML5, CSS3, Bootstrap4, JavaScript, NPM 6.x, MongoDB 4.0.x/4.2.x, Mongoose Connector, Active MQ, Node.js 10.x/12.x, AWS, S3, EC2, ECS, Kubernetes 1.12.x/1.18.x, Dockers, Jenkins, Junit 5, Mockito, Mocha + Chai, Log4J, CloudWatch, Sonar Lint, Swagger, CI/CD, Agile, Maven 3.6.x, Insomnia, Eclipse IDE, Visual Studio Code, Windows, Git, GitHub, Teams**

**Client: Equifax, Dallas, TX May 2015 to Aug 2016**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Designed and developed scalable web applications using Java 7/8, integrating MVC architecture with Apache Struts 2 for robust backend solutions.
* Leveraged **Hibernate ORM** and **JDBC** for efficient database management and communication, significantly improving data access and manipulation with **PostgreSQL**.
* Developed secure SOAP and RESTful web services using **JAX-WS** and Apache Axis, enhancing application interoperability and API integration.
* Implemented JWT for secure user authentication and authorization, ensuring data protection and privacy compliance.
* Created dynamic and responsive user interfaces employing **HTML, CSS, JavaScript**, and **AngularJS**, leading to improved user engagement and satisfaction.
* Utilized **RabbitMQ** for implementing asynchronous messaging, facilitating reliable communication between different application components.
* Proficient in database management and T-SQL programming with MS SQL Server 2017, including performance tuning and security.
* Skilled in leveraging new SQL Server 2017 features like Linux support and enhanced graph database capabilities for advanced data analytics.
* Adopted Test-Driven Development (TDD) with **JUnit4** and **Power Mockito**, ensuring high-quality code and reducing bug rates in production.
* Enhanced application performance and identified bottlenecks using **JMeter**, leading to optimized response times and throughput.
* Containerized applications using Docker, achieving consistent deployments across different environments, and simplifying the CI/CD pipeline.
* Managed source code and facilitated team collaboration using **Git and Bitbucket**, streamlining version control and code reviews.
* Proficient in using Eclipse IDE and Visual Studio Code, optimizing development efficiency and project management.

**Environment: Java 7/8, JSP, Servlets, Apache Struts 2, Multithreading, Hibernate ORM, JDBC, DAO, WSDL, JAX-WS, Apache Axis, XML, XSD, JWT, JTA, Oracle WebLogic, HTML, CSS, JavaScript, Angular JS, RabbitMQ, TDD, My SQL Server 2017, JMeter, Docker, Visual Studio Code, Eclipse IDE, Junit4, Power Mockito, Log4J, Agile, Gradle, Postman, Unix, Git, Bitbucket.**

**Client: Costco, Issaquah, WA. Jan 2014 to Apr2015**

**Role: Java developer**

**Responsibilities:**

* Engineered robust, scalable **Java 7** applications leveraging J2EE frameworks, **Servlets, JSP**, **and Hibernate ORM**, ensuring high-quality code documentation and efficient ORM strategies.
* Designed and implemented responsive web interfaces utilizing **HTML5, CSS3, and JavaScript**, adhering to modern web standards and responsive design principles for optimal cross-platform compatibility.
* Executed complex SQL queries and procedures in **MySQL** for advanced data manipulation and management, enhancing database performance through optimized JDBC connectivity.
* Expert in implementing Azure Active Directory Multi-Factor Authentication to protect access to cloud and on-premises applications.
* Knowledgeable in configuring conditional access policies in Azure AD to enforce MFA under specific scenarios or risk levels.
* Developed, tested, and deployed SOAP-based web services utilizing **JAX-WS** and **JAXB** for seamless data interchange, with precise WSDL documentation for external service integration.
* Integrated and configured third-party APIs, including **Azure cloud services** and **Active Directory**, to bolster application functionality and user authentication mechanisms.
* Maintained code integrity and facilitated team collaboration using **SVN** for version control, ensuring consistent codebase updates and efficient team collaboration practices.
* Conducted comprehensive unit and integration testing employing **JUnit**, advancing application reliability and adherence to functional requirements.
* Supported **CI/CD** pipelines using Jenkins for streamlined application deployment on JBoss Server, managing environmental configurations and deployment strategies.
* Employed **Log4J** for detailed application logging and monitoring, coupled with Sonar Lint for continuous code quality analysis, promoting adherence to coding standards and best practices.

**Environment**:  **Java 7, J2EE, Servlet, JSP, DSA, HTML, CSS, JS, Hibernate ORM, DAO, JSTL, XML, SOAP Web services, WSDL, JAX-WS, JAXB, PL/SQL, JDBC, JBoss Server, MySQL, Azure, Active Directory, NetBeans, Applets, AWT, RMI, MySQL Workbench, Postman, Jenkins, Selenium, SOAPUI, Gradle, SVN, Waterfall, Sonar lint, Asana, Log4J,Windows.**