

**Professional Summary:**

* Results-driven Java Full Stack Developer with over 8 years of experience in **Software Development Life Cycle (SDLC)** and Software Engineering, including requirement gathering, analyzing, designing, implementing, testing, supporting, and maintenance of **client-server** applications.
* Strong expertise in **Java/J2EE technologies**, including **Core Java, Multithreading, Collections, Java I/O, JDBC, Servlets, JSP, and JSTL**, ensuring robust backend solutions.
* Proficient in **Spring Framework**, including **Spring Boot, Spring MVC, Spring Security, Spring AOP, Spring Batch, and Spring Data JPA**, for developing scalable **enterprise** applications.
* Extensive experience in **Microservices** architecture using **Spring Boot**, integrating with **Kafka, ActiveMQ, and RabbitMQ** for real-time data streaming and inter-service communication.
* Developed and maintained **REST**ful **and SOAP Web Services** using **JAX-RS, Apache CXF, and Jersey**, ensuring interoperability and security.
* Skilled in front-end technologies such as **Angular 4/6/8/11, ReactJS, TypeScript, JavaScript (ES5/ES6+), Bootstrap, HTML5, and CSS3**, creating dynamic and responsive UI applications.
* Strong experience in database management using **Oracle, PostgreSQL, MySQL, MongoDB, and Cassandra**, with expertise in **SQL, PL/SQL,** and stored procedures for efficient data handling.
* Hands-on experience in Cloud Computing (**AWS, Azure**), working with **AWS** (EC2, S3, Lambda, RDS, VPC, ECS, IAM), **Azure** (VMs, Blob Storage, Azure Functions, Azure SQL, VNET, Azure Kubernetes Service for deploying and managing scalable applications.
* Proficient in **CI/CD and DevOps** practices, implementing **Jenkins, Docker, Kubernetes, Ansible, and Terraform** for automated builds, deployments, and infrastructure management.
* Expertise in authentication and security protocols, including **Spring Security, OAuth2.0, JWT, Okta SSO, and LDAP**, ensuring secure application access and data protection.
* Experience with messaging and event-driven architecture, leveraging **Kafka, ActiveMQ, JMS, and RabbitMQ** for efficient asynchronous communication.
* Proficient in **server-side development** using **Node.js, Express.js, and Python (Django Framework)** for building backend APIs and microservices.
* Enhanced performance through **JMeter** load testing, reducing API response times by 35%. Enhanced performance through **JMeter** load testing, reducing API response times by 35%.
* Strong understanding of **design patterns, OOPS** principles**, multithreading,** and **concurrency**, optimizing application performance and scalability.
* Developed adaptive programming models to improve application responsiveness. Worked on managing database interactions with **Oracle DB**, optimizing query execution.
* Hands-on experience in containerization using **Docker** and orchestrating microservices with **Kubernetes** and **OpenShift** for seamless deployment.
* Integrated **SonarQube** with the **CI/CD** pipeline to continuously analyze and monitor code quality, ensuring that all **Java** code meets coding standards and best practices before deployment.
* Worked extensively with **build tools** like **Maven, Gradle, and Ant**, streamlining dependency management and project builds.
* Experience in test automation frameworks, including **JUnit, Selenium, Jasmine, Karma, Mockito and Protractor**, ensuring application reliability and quality.
* Strong knowledge of logging, monitoring, and debugging tools, such as **Log4J, Splunk, and ELK Stack (Elasticsearch, Logstash, Kibana)** for real-time system monitoring.
* Followed best practices for **test-driven development (TDD)** and implemented **unit and integration tests** using **JUnit** and **Mockito**, ensuring high code coverage and quality.

**Education:**

* Bachelor of Technology in Computer Science and Engineering from GITAM University, Hyderabad, India in 2016.
* Master of Science in Computer science from National University, San Diego, California in 2019.

**Technical Skills:**

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| **Languages:** | Java (Core Java, Java EE, Java 8/11/17/21 features), SQL, JavaScript (ES5, ES6+), Typescript, Python |
| **Web Technologies:** | HTML5, TypeScript, CSS3, Node.js, Angular 4/6/8/11, Bootstrap |
| **Frameworks and IDE's:** | Spring, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP, Spring Boot, Spring Security, OAuth2.0, GraphQL |
| **Web/Application Servers:** | Apache Tomcat, WebLogic, WebSphere, JBoss |
| **Web Service Technologies:** | SOAP, REST, WSDL |
| **Build Tool/Script:** | Ant, Maven, Gradle, Groovy |
| **IDE's:** | IntelliJ, Eclipse |
| **Methodologies:** | Agile, Scrum |
| **Database Environments:** | Oracle, SQL Server, MySQL, MongoDB, PostgreSQL, Cassandra |
| **Operating Systems:** | Windows, Mac |
| **Cloud & DevOps:** | AWS (EC2, S3, Lambda, RDS, EBS, IAM, VPC), Azure, Docker, Kubernetes, OpenShift, Jenkins, Terraform, Ansible |
| **Testing & Automation:** | JUnit, Selenium, Jasmine, Karma, Protractor, Mockito |

**Professional Experience:**

**Schlumberger, Remote Apr 2022 to Till Date**

**Senior Full Stack Java Developer**

**Responsibilities:**

* Worked on both high-level and low-level system design processes, including planning, estimation, and implementation, ensuring all deliverables aligned with business objectives and technical specifications.
* **Worked on the implementation of Java 11 and Java 17 features**, including modules, var keyword, sealed classes, pattern matching, and enhanced switch expressions to enhance code clarity, performance, and maintainability across large-scale applications.
* Worked extensively with **Spring frameworks** (**Spring Boot, Spring Cloud, Spring Security**) to design and develop robust, secure, and scalable web applications and **microservices**.
* Designed and developed **microservices** architectures using **Spring Boot**, integrating **Kafka** message brokers to implement asynchronous communication patterns and enhance the decoupling of services for improved scalability and maintainability.
* Designed and implemented end-to-end **CI/CD** pipelines using **Tekton**, automating the entire process from building to deploying Java applications, which drastically reduced manual intervention and increased the speed of delivery.
* Integrated **Tekton** with **Kubernetes** clusters for automated deployment and scaling of **Java microservices**, ensuring high availability and optimized resource utilization in production environments.
* Used **GitOps** workflows with **Argo CD** to automate the continuous deployment of **Java microservices** into Kubernetes environments, ensuring that the desired state of applications matched the configurations stored in Git repositories.
* Managed both public and private repositoriesin **Artifactory**, ensuring secure and efficient storage of internal **Java** dependencies and third-party libraries, streamlining the dependency management process.
* Worked on optimizing **Cassandra** performance by analyzing query execution plans, adjusting partitioning, and adding the necessary indexes to improve data retrieval speeds, ensuring efficient database operations in a high-volume environment.
* Developed and executed complex **CQL queries** to interact with **Cassandra** databases, fine-tuning queries for performance, ensuring that both read and write-heavy workloads were handled with minimal latency.
* Designed and implemented scalable **Cassandra** data models for **Java** applications, ensuring that the data was partitioned and replicated efficiently for high availability and fault tolerance, supporting distributed environments.
* Used **Azure DevOps** for streamlining **CI/CD** pipelines, improving deployment consistency and automating infrastructure management using **Infrastructure as Code (IaC).**
* Integrated **Swagger** for automatic **REST API** documentation generation, ensuring that API contracts were clear and easy for other developers and systems to integrate with.
* Developed and executed unit and integration tests using **JUnit, Mockito,** and **Selenium**, ensuring that the applications were thoroughly tested for functionality and reliability.
* Used **SonarQube** for continuous code quality inspection, ensuring that all code met high standards and was free of bugs and vulnerabilities.
* Automated the application deployment process using **Docker**, containerizing applications for better orchestration and scalability, ensuring smoother deployment cycles and minimal downtime.
* Monitored application deployments using **Argo CD**’sUI and CLI, quickly identifying synchronization issues and resolving discrepancies between the desired and actual deployment states, ensuring the stability of Java services.
* Monitored and troubleshooted live applications using **ELK Stack** and **Splunk**, ensuring minimal downtime during production rollouts and providing real-time insights into application performance.
* Collaborated with Architects to introduce new technology and develop proof-of-concepts to evaluate new technology in the existing architecture.

**Environment:**

Java 11, Java 17, Spring Boot, Spring Cloud, Spring Security, Cassandra, Kubernetes, Docker, Tekton, Argo CD, Azure DevOps, Git, GitHub, Maven, SonarQube, JUnit, Mockito, Selenium, Artifactory, Prometheus, Elastic Stack (ELK), Cassandra Query Language (CQL), Kafka, JIRA, GitOps, Azure App Services, Azure Functions.



**Hewlett Packard Enterprise, Fort Collins, CO Jan 2020 to April 2022**

**Senior Full Stack Java Developer**

**Responsibilities:**

* Designed, developed, and optimized **Java 11** applications, working on subsystems like OS, compilers, databases, and internet tools to improve performance and maintainability.
* Developed RESTful web services using **Spring Boot, Spring MVC, Swagger API, and MySQL**, enabling seamless integration and scalability.
* Migrated monolithic applications to microservices using **Spring Boot** and the 12-factor methodology, improving maintainability and independent scalability.
* Built and optimized UI components using **Angular 8**, later upgrading to **Angular 11** to enhance security, performance, and maintainability.
* Developed highly interactive dashboards using **Angular 11, TypeScript, RxJS, and Bootstrap**, ensuring a modern and responsive user experience.
* Implemented lazy loading and module federation in Angular to improve page load times and application performance.
* Worked on managing **Docker** containers and **Kubernetes** clusters on **OpenShift**, streamlining deployments and improving resource utilization.
* Configured **AWS** cloud infrastructure, including **VPC, EC2, S3, Lambda, RDS, and Auto Scaling Groups**, for optimized cloud performance.
* Developed **Python** automation scripts to deploy and manage **Java SE11** applications on **Linux** servers, reducing manual tasks.
* Implemented **Kafka**-based messaging solutions, optimizing real-time data handling and system performance.
* Worked in a **CI/CD** environment using Jenkins, Terraform, and Maven, ensuring efficient development pipelines.
* Wrote unit tests and implemented logging/debugging using **JUnit** and **Log4j**, improving system reliability and monitoring.
* Configured quality gates and thresholds in **SonarQube** to ensure that only high-quality code is merged into production, reducing the risk of introducing bugs or vulnerabilities.
* Integrated **MongoDB** with **Spring Boot** to manage data persistence in a microservices architecture, enabling seamless data flow between backend services and the database.
* Worked on monitoring **MongoDB** performance using tools like **MongoDB Atlas** and the **MongoDB Ops Manager**, troubleshooting and resolving performance bottlenecks to ensure system stability.
* Migrated relational data from **MySQL/PostgreSQL** to **MongoDB**, enabling faster queries for read-heavy applications and reducing database maintenance overhead.
* Designed and optimized database schemas for **PostgreSQL** and **MySQL**, ensuring efficient data storage, indexing, and query performance.
* Developed multi-threaded **Java** applications to handle high-throughput data processing, improving performance for large-scale systems.

**Environment:**

Java 8/11, AWS, Python, JavaScript, TypeScript, HTML5, CSS3, Angular 8/11, Spring Boot, Spring MVC, Kafka, Kotlin, GitHub, GitLab, Docker, Kubernetes, Jenkins, Maven, MongoDB, PostgreSQL, MySQL, SonarQube, Terraform, JUnit, Log4j, Microservices, RESTful Web Services, AWS.



**Health Net, Los Angeles, CA Feb 2019 to Dec 2019**

**Senior Full Stack Java Developer**

**Responsibilities:**

* Designed, built, tested, and maintained scalable and stable applications using **Java 8**, contributing to new implementations and enhancements.
* Developed reusable **TypeScript** components and services in **Angular 6** and created single-page applications (SPA) using **Angular 4/6, TypeScript, HTML5, CSS3, and Bootstrap**.
* Worked on building the UI using **JSP, JSF, Servlets, JSTL, JavaScript, GWT**, and leveraged **jQuery**, **AngularJS**, and Node.js for rich user interfaces and RESTful services.
* Implemented dashboards, user modules, and admin pages with **Spring Framework, Hibernate ORM, JSP, and XSLT**.
* Developed and maintained presentation layers using Struts tag libraries like logic, **HTML**, and bean in **JSP** pages.
* Built **REST**ful web services with **Java 8, Java SE11 API, JAX-RS**, and deployed them using **Tomcat**.
* Created and optimized **PL/SQL** stored procedures and triggers in Oracle, improving data processing efficiency.
* Worked on Kafka messaging system to consume and publish messages for real-time data streaming.
* Deployed microservices in **AWS** using **EC2**, **Lambda**, **CloudFormation**, and **S3**, implementing Account Management microservices with **Spring Boot** and **Spring Data JPA**.
* Automated deployments using **Ansible** and **Kubernetes**, managing application lifecycle efficiently.
* Used **Docker** for containerization and ensured smooth deployment across environments.
* Managed **MongoDB** with **Mongoose** and integrated it with Node.js for seamless database interactions.
* Configured and maintained **SQL** Server test databases, supporting development and testing activities.
* Conducted root cause analysis and performance tuning for optimized application efficiency.
* Developed test automation frameworks using **Selenium, TypeScript, and Protractor** for UI testing.
* Followed **Agile** methodology (Scrum), participating in sprint planning, backlog management, and daily stand-ups.
* Built applications using Maven, ensured **continuous integration** and **continuous delivery (CI/CD)** with **Jenkins**, and tracked progress with **JIRA** and **Git**.

**Environment:**

Java 8, Java SE11, Python, Spring Boot, Hibernate, RESTful Web Services, AWS (EC2, Lambda, S3, CloudFormation), Angular 4/6, TypeScript, JavaScript, Node.js, jQuery, Bootstrap, HTML5, CSS3, JSP, JSF, Struts, Kafka, Docker, Kubernetes, Ansible, Microservices, MongoDB, Oracle PL/SQL, SQL Server, JDBC, Tomcat, Selenium, Protractor, Maven, Jenkins, JIRA, Git, JUnit.



**WNS Global, INDIA May 2016 to Oct 2017**

**Java Developer**

**Responsibilities:**

* Participated in all phases of the **Software Development Lifecycle (SDLC)**, including requirement gathering, analysis, design, development, and testing.
* Designed and configured **Spring** and **Hibernate** framework files for application development.
* **Developed and implemented** **Dependency Injection (DI)** and **Inversion of Control (IoC)** concepts in the **Spring** Framework to efficiently manage bean references.
* Integrated **Spring** **Security** for authentication, password encryption, and user authorization mechanisms.
* Worked extensively with **Spring** Framework modules, including **Spring Security, AOP, ORM, and MVC**, to build robust enterprise applications.
* Configured **Hibernate** mapping and configuration files to establish seamless database persistence with relational databases.
* Developed dynamic user interfaces using **HTML, JSP, and UI frameworks** to enhance userexperience.
* Integrated third-party services using **SOAP**-based Web Services and **WSDL** to fetch essential data.
* Designed and optimized **Oracle** Stored Procedures and Functions to enhance database operations.

**Environment:**

Java, jQuery, JavaScript, Spring Batch, Node.js, Bootstrap, Spring 4.0, Spring Security, Apache 7.0, Camel, ActiveMQ, JMS, Log4j, Hibernate, Maven, Spring Boot, REST & SOAP Web Services, Docker, Ansible, AWS, Multithreading, Microservices, Jasmine, Karma, JIRA, Eclipse Kepler, XML, Oracle, MySQL.