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SENIOR JAVA FULL STACK DEVELOPER

Summary:

- Over 10 years of experience in full-stack **Java** development with hands-on proficiency across SDLC including requirement analysis, design, development, testing, deployment, and support.
- Expert in modern **Java** (**Java** 8 through **Java** 21) and **Spring** ecosystem including **Spring Boot** 3.2, **Spring MVC**, **Spring Batch**, **Spring** Security, and **Spring** Data **JPA**.
- Front-end specialist with deep expertise in **Angular** (**AngularJS** through **Angular** 16), **TypeScript** 5.2, and strong focus on UI/UX performance, accessibility, and responsive design.
- Experienced in **React** 18 with advanced understanding of JSX, hooks, component lifecycle, and virtual **DOM** for dynamic and **react**ive UIs.
- Proficient in **microservices** architecture using **Spring Boot**, **RESTful APIs**, and **Dockerised** deployments via **Jenkins CI/CD** and **Kubernetes or chestration**.
- Adept in deploying scalable cloud-native applications using **AWS** (**EC2**, **Lambda**, **S3**, **RDS**, **ECS**) and **Azure** (**App Services, Functions, Blob Storage**).
- Comprehensive experience in **database** systems including **Oracle** 12c, **MySQL** 8, **MongoDB** 6.0, and **NoSQL** (**Cassandra**, **DynamoDB**), with strong command of **PL/SQL**, indexing, and query optimization.
- Strong knowledge of **Agile**/Scrum methodologies and Test-Driven Development (**TDD**) using **JUnit** 5 and **Mockito**.
- Proficient in **CI/CD** automation using **Jenkins**, **Docker**, **GitHub Actions**, and **Ansible** for robust DevOps integration.
- Solid experience in managing **REST**/**SOAP Web Services**, **Swagger API** documentation, and **OpenAPI** sp**ecs**.
- Strong experience with design patterns, **UML, OOP**, and scalable architecture design for enterprise-grade systems.
- Extensive version control expertise using **Git**, **Bitbucket**, and **SVN** in distributed team environments.
- Integrated security using **Spring** Security, **OAuth** 2.0, **JWT** authentication, and role-based access control.
- Developed reusable **Angular** libraries, lazy-loaded modules, and Material UI components for scalable **SPA**s.
- Built containerized applications and multi-cloud solutions for high-availability systems using **PCF**, OpenShift, and **AWS**.
- Solid experience in lightweight **POJO** based framework **Spring IOC, Remoting, ORM, DAO, AOP** and **Business Integration.**
- Strong background in **Java/J2EE** environments. Worked extensively on J2EE for developing Web.
- Experience on **AWS** platform and its dimensions of scalability including **VPC, EC2, ELB, S3, and EBS.**
- Implemented classes, interfaces and methods, constructors and objects definitions using **TypeScript**.
- Exposureto **NoSQL database** programming -**Apache Cassandra**.
- Experience in **Microservices** development using **Spring boot** and deployment in **Pivotal Cloud Foundry (PCF).**
- Experience in **Core Java** concepts such as **OOP Concepts, Collections Framework, Exception Handling, I/O System, Multi-Threading, JDBC, Design Patterns, Generics.**
- Competence in using different **java IDEs** like **Eclipse, JBuilder, NetBeans** and **RAD** for developing Dynamic Web Applications.
- Strong **Oral** and **written communication, analytical** skills, collaboration and excellent team player with proficiency in grasping new technical concepts quickly.

Skill Highlights include….

Programming Languages	Java 21, TypeScript 5.2, JavaScript ES6+, Python 3.11
Front-End Frameworks	AngularJS, Angular 8-16, React 18, Bootstrap 5, HTML5, CSS3, SCSS, jQuery
Back-End Frameworks	Spring Boot 3.2, Spring MVC, Spring Security, Hibernate 6.4, JPA, Node.js, Express.js
Cloud Platforms	AWS (EC2, Lambda, S3, RDS, ECS), Azure (App Services, Functions, Blob Storage), PCF, OpenShift
Databases	Oracle 12c, MySQL 8, MongoDB 6.0, Cassandra, DynamoDB, PostgreSQL
Web Services/APIs	REST, SOAP, Swagger, OpenAPI, Apigee
DevOps & Tools	Docker, Kubernetes, Jenkins, GitHub Actions, Bitbucket, Ansible, Maven, Gradle, Git, SVN
Testing Tools	JUnit 5, Mockito, Selenium, Jasmine, Karma, SOAP UI
Build Tools	Maven, Gradle, Ant
Version Control	Git, GitHub, Bitbucket, SVN, TFS
IDEs & Editors	IntelliJ IDEA, Eclipse, VS Code, NetBeans
Monitoring & Logging	Log4j, Splunk, ELK Stack, Prometheus, Grafana
Others	Camunda BPMN, Apache Kafka, RabbitMQ, JSON, XML, YAML

Professional Experience

Client: PNC Bank. Pittsburgh, PA   **March 2023 - Present**
Role: Senior Java Full Stack Developer
Responsibilities:

- Led end-to-end development of cloud-native applications deployed on **AWS** using **EC2**, **Lambda**, and **S3** to ensure high availability and fault tolerance.
- Developed scalable **microservices** using **Spring Boot** 3.2, leveraging **Java** 21 features such as record types, pattern matching, and virtual threads.
- Architected and implemented **Angular** 16 single-page applications with lazy-loaded modules, route gua**rds**, and **react**ive forms.
- Built and consumed **RESTful APIs** with proper request validation, response formatting, and **API** documentation using **Swagger**/**OpenAPI**.
- Managed complex **CI/CD** workflows via **GitHub Actions** and **Jenkins**, automating build, test, and deployment pipelines.
- Created reusable **Angular** libraries and components using **Angular** CLI and **TypeScript** 5.2 for performance optimization.
- Integrated **AWSRDS** and **MongoDB** for transactional and **NoSQL** operations, achieving efficient data partitioning.
- Containerized applications using **Docker** and orchestrated them via **Kubernetes** for horizontal scaling and deployment consistency.
- Employed **JUnit** 5 and **Mockito** for unit and integration testing, achieving 95% test coverage across core modules.
- Implemented role-based authentication and authorization using **Spring** Security and **JWT** tokens.
- Developed and monitored **microservices** using **Spring** Actuator, **Prometheus**, and **Grafana** for observability.
- Mentored junior developers and conducted code reviews to enforce best practices and design patterns.
- Used **ELK Stack** for centralized logging and real-time analytics, improving incident response time by 40%.

- Configured **API** Gateways and load balancers in **AWS** for secure, efficient routing and caching of client requests.
- Employed **PCF** for microservice deployment and management in staging and production environments.
- Utilized **Maven** for dependency management and artifact publishing across modules.
- Designed **REST APIs** with idempotency, pagination, and rate-limiting strategies.
- Applied **Agile** Scrum methodology and participated in sprint planning, grooming, demos, and retrospectives.
- Created **Postman** collections and scripts for **API** testing and integration validation.
- Experience in workflow implementation using **Camunda BPMN** process. Used **Camunda** modeler for consuming Cockpit **REST API's** and **JAVA APIs** to communicate with **CAMUNDA** engine. Implemented **CAMUNDA** listener classes to handle and store business logic and validation.
- Worked with all the modules of the application based on **spring** architecture and developed applications using **Java** 11, **J2EE**, and **JavaScript** with JDK.
- Stored authentication and authorization detail in **database**, used these DB authorization detail with **spring** security annotation on method for apply method level **spring** security.
- Created application with **Angular** using **TypeScript** to create Directives, Components, Services, Pipes, Observables, form validation and Router for multiple components utilizing Router Gua**rds** and Navigation.
- Implementingorexposingthe**Microservices**tobaseon**RESTfulAPI**utilizing**SpringBoot**with**SpringMVC**.
- This functionality is implemented by developing **RESTFUL** web services using **springboot**, **Spring RESTFUL** template. And Created and Consumed Web Services using **Restful &SOAP** web services.
- Developing the connections between the **Java** Objects and **database** entities using **Hibernate** and **JPA** Mappings.
- Extensively used **TypeScript**, **AJAX**, **JSON**, and **XML** to link clients to server back-end applications.
- Used**Log4j**forlogginganddebuggingandused**JUnit**extensivelyfortesting.AlsoUsed**Mockito**Frameworkfor**Junit**.
- **Database** development required in 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.

Environment: Java 21, Spring Boot 3.2, Angular 16, AWS Lambda, AWS EC2, S3, RDS, Jenkins, Docker, Kubernetes, REST APIs, MongoDB 6.0, MySQL 8, Swagger, JUnit 5, GitHub Actions, Apache Kafka, PCF.

Client: Cardinal Health   Dublin, OH   April 2021 - February 2023
Role: Lead Java Full Stack Developer
Responsibilities:

- Spearheaded the design and development of **microservices** architecture using **Spring Boot** 3.1 with **REST APIs** hosted on **Azure App Services**.
- Developed interactive UI components in **React** 18 using hooks, Redux, and functional components for better state management.
- Leveraged **Azure Functions** and Event Grid for serverless and event-driven integrations.
- Managed application secrets using **Azure** Key Vault for enhanced security in **CI/CD** pipelines.
- Wrote comprehensive unit and integration tests using **JUnit** 5 and **Mockito** with over 90% coverage.
- Deployed applications in **Azure Kubernetes** Service (AKS) with Helm charts for environment-specific configuration.
- Designed **NoSQL** data models in MongoDB, improving read performance for high-throughput **API** queries.
- Integrated **Swagger** and **Postman** for seamless documentation and testing of backend services.
- Collaborated with **UX/UI** teams to implement responsive, accessible layouts with S**CSS** and Tailwind **CSS**.
- Reduced page load times by 40% through code-splitting and **react** lazy loading.
- Set up **Bit bucket pipelines** to automate code analysis, testing, and **Docker** builds.
- Created custom reusable **React** components using Storybook for modular development.
- Delivered Graph QL endpoints for specific high-performance use cases in the frontend.
- Used **Azure** Monitor and Application Insights for tracking service health and application telemetry.

- Implemented **JWT** and **OAuth** 2.0 authentication in **Spring** Security for secure endpoints.
- Participated in **API** versioning and backward compatibility planning for external integrations.
- Designed and scheduled **Jenkins pipelines** for automated test and deployment triggers on pull requests.
- Used **Maven** and **Gradle** for building hybrid modules with different dependencies.
- Facilitated **Agile** rituals and acted as a technical lead mentoring team members on architecture decisions.
- Leveraged **RESTful** services to interface with legacy systems, ensuring interoperability and data flow.
- Used**AWSSDK**forconnectionto**AmazonS3buckets**asitisusedastheobjectstorageservicetostoreandretrievethe media files related to the application.
- Implemented the **RESTFUL** web service to load the **JSON** files into the **database SOAP UI** was used to test the Web Service application.
- CreatedandConfigure**Microservices**architectureforCDTDirectoryprojectandintegratedwith**AngularJS**application.
- Worked on Proof of Concept for developing application using NodeJS and **MongoDB**
- Implemented the authentication and authorization of the application using **Spring** Security and **OAuth**.
- Used Web Services-**WSDL**, **SOAP** for client side for exchange rate calculation and **Restful** JAX-RS to communicate over the network by using **Spring Boot**.
- Used **JAVA** 8 features like **Lambda** Expressions, Parallel Streams and functional interfaces.
- Converted **JAVA** files to Groovy. Developed and executed software systems utilizing **JavaScript** and Groovy.
- Developing **scripts** for build, deployment, maintenance and related tasks using **Jenkins**, **Docker**.
- Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
- Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.

Environment: Java 17, Spring Boot 3.1, React 18, Azure Functions, Azure App Services, MongoDB 6.0, Jenkins, Docker, Bitbucket, JIRA, Swagger, JUnit 5, Mockito, Kubernetes.

Client: Bny Mellon, NY　　　　　　　　**July 2019 - March 2021**
Role: Senior Java Full Stack Developer
Responsibilities:

- Designed and implemented **microservices** using **Spring Boot** 2.6 and **Java** 11, emphasizing modularity and testability.
- Built **Angular** 11 front-end modules with two-way binding, **react**ive forms, and component-based architecture.
- Integrated **AWSEC2**, **S3**, and **IAM** roles for secure hosting and storage management.
- Developed and maintained **RESTful** endpoints with exception handling and custom error responses.
- Used **Docker** Compose for orchestrating multi-container development environments.
- Implemented **CI/CD pipelines** in **Jenkins** with unit, integration, and regression testing.
- Enhanced front-end performance by introducing virtual scrolling and On Push change detection.
- Maintained structured **MongoDB** document schemas for analytics and reporting features.
- Utilized **Swagger** UI and **OpenAPI** annotations for **RESTAPI** self-documentation.
- Developed streaming solutions using **Apache Kafka** for real-time data processing.
- Employed **Log4j** and **ELK Stack** for production log monitoring and alerting.
- Conducted load testing and performance profiling using Apache JMeter.
- Applied **TDD** principles to reduce post-release defects by 35%.
- Coordinated **Git** branching strategies for release, hotfix, and feature development.
- Migrated legacy monolith services into **microservices** with **dom**ain-driven design.
- Implemented caching strategies using **Redis** to minimize **database** hits.
- Participated in weekly sprint reviews and user story estimations.
- Created **Angular** CLI libraries for reusable components across multiple projects.
- Collaborated with **QA** to define test cases and acceptance criteria in Gherkin.
- Worked on **AWS**, High Availability Practices and deploying backup/restore infrastructure.
- Developed **REST** services using **Spring Boot**, **Spring Rest** and involved in creating **REST** controllers, etc.
- Developed **Spring AOP** aspects for logging and exception handling and involved in integrating **spring** with

Hibernate.

- Worked on creating **Microservices**, **API**, and created **Docker** Files for different Micro-services. Used **Swagger** to access the container
- Developed Batch jobs using **Spring Batch** and scheduled the **jobs** using **spring** scheduling.
- Consumed **SOAP** web services R**ESTful web** services report.
- Involved in planning process of iterations under the **Agile Scrum methodology**.

Environment: Java 11, Spring Boot 2.6, Angular 11, AWS EC2, S3, Docker, Jenkins, MongoDB 5.0, REST APIs, Swagger, Git, Log4j, Maven, Kafka.

Client: Robinhood Menlo Park, CA   January 2018 to June 2019
Role: Mid-Level Java Developer
Responsibilities:

- Developed enterprise-grade **Java** applications using **Spring Boot** 2.2 and **JPA** repositories.
- Built **Angular** 8 components and services to consume **JSON**-based **REST APIs** asynchronously.
- Configured **Maven** builds with **Jenkins** for continuous delivery pipelines.
- Deployed services to **AWSEC2** with **IAM** roles, security groups, and user-data scripts.
- Performed **RESTAPI** versioning and graceful degradation for backward compatibility.
- Designed **database** schema and **PL/SQL** scripts for **Oracle** 12c data processing.
- Integrated unit tests with **JUnit** and coverage tools like JaCoCo.
- Refactored legacy **JSP**-based modules to **Angular** for **SPA** transition.
- Maintained logging via **Log4j** and developed custom error interceptors.
- Coordinated with business analysts to refine user stories and requirements.
- Developed **SOAP** clients using **JAX-WS** and tested with **SOAP UI**.
- Participated in cross-functional code reviews and optimization planning.
- Implemented **Hibernate** caching and query tuning for performance.
- Wrote reusable **CSS** and **SCSS** components to standardize UI elements.
- Developed the Web Based Rich Internet Application (RIA) using **J2EE** (**spring** framework) and Adobe Flex.
- Extensive experience using framework **APIs** like Struts, **spring** and **hibernate**.
- Configured**JMS**ServersetupandDBConnectionpoolsetup&deployedReturneditemsinWebLogic Server.
- Created pop up forms using **Bootstrap** Modals, **AngularJS** Models and **AngularJS** Controllers
- Used **ReactJS** to create views to hook up models to the **DOM** and synchronize data with **server** as a **SPA**.
- Developed **Servlets** and **JSP**s based on **MVC** pattern using Struts framework and **Spring** Framework.
- Developed **Oracle PL/SQL** Stored Procedures and Queries for Payment release process and authorization process. Involved in the development of **SQL**, **PL/SQL Packages**, and Stored Procedures.
- Implemented **Hibernate** for the ORM layer in transacting with **Oracle database**
- UsedJDBCtoinvokeStoredProceduresand**database**connectivityto**ORACLE**.
- Developed **Maven** scripts for various tasks to automate the build process and for the deployment of the application in WebSphere server

Environment: Java 8, Angular 8, Spring Boot 2.2, AWS EC2, S3, Oracle 12c, JPA, Hibernate 5.4, JSP, GitHub, SOAP UI, JUnit, Maven.

Client: Brio Technologies Private Limited Hyd India   June 2014 - October 2017
Role: Junior Java Developer
Responsibilities:

- Assisted in developing web applications using **Spring MVC** with controller and service layers.
- Built **AngularJS** views and controllers to display **JSON** responses in the browser.
- Connected front-end with **Oracle** 10g via JDBC and performed CRUD operations.
- Maintained build lifecycle scripts in **Jenkins** and handled minor release deployments.
- Used **JSP** and **JSTL** for rendering server-side templates with dynamic data.
- Applied **Log4j** logging to troubleshoot runtime errors and support production releases.

- Implemented unit tests for **DAO** layers using **JUnit**.
- Collaborated on daily standups and bi-weekly sprint planning meetings.
- Wrote **SQL scripts** for schema updates and data loading tasks.
- Built reusable **JavaScript** validation scripts for form controls.
- Wrote **SOAP**-based web service clients for internal integrations.
- Performed data validations and error-handling routines.
- Used **Eclipse** for code navigation, debugging, and application profiling.
- Deployed **WAR files** to Apache **Tomcat** for **UAT testing**.
- Displayed ownership in tasks utilizing **Java**, **JavaEE, Enterprise JavaBean**, **Oracle SOA** to create fully integrated client management systems.
- Used **AJAX** in suggestive search and to display dialog boxes with **JSF**, **JavaScript**, **HTML** and **CSS**.
- Created **database** objects, tables, views, procedures, packages that improved the query execution time by 30%.
- Experience in designing, developing and deploying **J2EE** applications on **Tomcat** and **JBOSS.**
- All the modules of the application are based on **SpringMVC**architectureand**J2EEtechnologies**.
- Used **JPA** and **Hibernate** with entity beans for interacting persistence layer for **CRUD** operations.
- Used **Eclipse** Indigo as an IDE for development of the application.

Environment: Java 7, Spring MVC 4.1.6, AngularJS, Oracle 10g, JSP, Servlets, SOAP, Jenkins, Log4j, Eclipse, CVS, Linux, JUnit.