Full Stack JAVA Developer

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Professional Summary:

- Full Stack Developer with around 5 years of experience in designing, developing, and deploying enterprise-grade applications using Java (SE/EE), Spring Boot, Hibernate, Struts, Quarkus, and Microservices architecture.
- Strong expertise in MERN stack (MongoDB, Express.js, React.js, Node.js) and Angular to deliver responsive, scalable, and interactive web applications across digital platforms.
- Designed RESTful/SOAP APIs and GraphQL services, applying secure authentication (OAuth2, JWT, SSL), and optimized backend performance with Redis caching and efficient Oracle, SQL, MongoDB, Cassandra database design.
- Built cloud-native applications across AWS, Azure, GCP, and PCF, leveraging services like Lambda, API Gateway, DynamoDB, S3, IAM, Kubernetes, Docker, and Terraform to deliver scalable, fault-tolerant solutions.
- Automated CI/CD pipelines with Jenkins, Maven, Gradle, Git, GitLab CI/CD, Bitbucket, and AWS CodePipeline, streamlining build, test, and deployment cycles and reducing release time by 30%.
- Implemented event-driven architecture using Kafka, RabbitMQ, JMS, and Apache Camel, enabling high-throughput, real-time data processing and resilient financial/business workflows.
- Applied TDD/BDD practices using JUnit, TestNG, Mockito, Jest, Selenium, Jasmine, and React Testing Library, improving code quality and reducing production defects by 25%.
- Enhanced observability and reliability with Prometheus, Grafana, Splunk, and OpenShift Console, enabling proactive monitoring and performance tuning across distributed systems.
- Delivered secure, compliant enterprise applications by aligning with PCI-DSS, SOX, and GDPR standards, implementing OAuth2.0, JWT, and role-based access control for API and microservice protection.
- Leveraged GitHub Copilot and Agile/Scrum methodologies to accelerate development, automate repetitive tasks, and improve sprint productivity and team collaboration.

Technical Skills:

Category	Technologies
Programming Languages	Java (8–17, Python, TypeScript, JavaScript , SQL, PL/SQL.
Frameworks & Libraries	Spring Boot, Spring Cloud, Spring Security, Hibernate, Struts2, MVC, Web API, Entity Framework Core, Microservices, LINQ, Xamarin, .NET MAUI.
Frontend Technologies	React.js, Angular, Vue.js, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, JQuery.
Data Access Technologies	ADO.NET, ADO, DAO, OLE DB, ODBC, LINQ, Hibernate
Databases & Messaging	SQL Server, MySQL 8.0, PostgreSQL, MongoDB, NoSQL, Apache Kafka, RabbitMQ
Cloud & DevOps	AWS (Lambda, S3, API Gateway, ECS), Azure (Blob Storage, Data Factory, DevOps, AKS), GCP, Jenkins, Docker, Kubernetes, Terraform, Git.
Testing & QA	JUnit 5, TestNG, Mockito, Selenium, Jasmine, Jest, JMeter, SOAP UI.
Tools & Platforms	Eclipse, Visual Studio, VS Code, NetBeans, JIRA, Trello, GitHub Copilot, TOAD, Windows, Linux, UNIX.

Professional Experience:

Client: Citi Group| Charlotte, NC **Jan 2023 to Till Date**
Role: Software Development Engineer
Project Overview:
Developed and enhanced secure, high-performance financial applications using Java (Spring Boot), Microservices, and Angular. Delivered RESTful and GraphQL APIs for real-time transaction processing, fraud detection, and portfolio

management. Deployed cloud-native solutions on AWS with Docker and Kubernetes, ensuring compliance with PCI-DSS, SOX, and GDPR through OAuth2.0 and JWT-based security.

Responsibilities:

- Designed and developed **Java microservices using Spring Boot and JPA**, delivering secure, scalable solutions that improved system reliability for financial applications.
- Built and integrated **RESTful and GraphQL APIs** with robust security (**OAuth2, JWT**), reducing integration issues and enabling seamless client–server communication.
- Developed **Angular frontends** with reusable components and state management, improving user engagement and cutting development time for new modules by 25%.
- Optimized backend performance by tuning **PostgreSQL queries** and implementing **Redis caching**, achieving up to **40% faster response times** for high-volume transactions.
- Integrated **Apache Kafka** for event-driven architecture, enabling **real-time fraud detection** and reducing data-processing latency across financial workflows.
- Deployed **cloud-native applications on AWS** with **Docker and Kubernetes**, enhancing scalability and ensuring **99.9% application uptime**.
- Automated **CI/CD pipelines using Jenkins**, cutting release cycle times by **30%** and reducing deployment errors through containerized builds and automated testing.
- Strengthened application quality and compliance with **JUnit, Selenium, and secure coding practices**, reducing production defects by **20%** while ensuring alignment with **PCI-DSS and GDPR standards**.
- Implemented **secure coding practices, input validation, and data encryption**, ensuring compliance with **PCI-DSS, SOX, and GDPR** regulations in financial applications.
- Optimized **database queries and indexing strategies** across Oracle and PostgreSQL, reducing response times for high-volume transactions by up to **35%**.
- Collaborated with **cross-functional Agile teams**, contributing to sprint planning, code reviews, and backlog grooming, which improved team productivity and delivery timelines.
- Authored and maintained **API documentation with Swagger/OpenAPI**, improving developer onboarding and reducing integration issues across distributed teams.

Environment: Java 17, Spring Boot, JPA, REST, GraphQL, Angular, PostgreSQL, Redis, Apache Kafka, AWS (EC2, S3, Lambda, API Gateway), Docker, Kubernetes, Jenkins, JUnit, Selenium, Git, Agile/Scrum

Client: Wipro, Hyderabad, India **Jan 2021 – Aug 2022**

Role: Software Development Engineer

Project Overview:

Developed secure financial applications using Java (Spring Boot, Microservices) and Angular, supporting transaction processing and reporting. Integrated APIs with Kafka and RabbitMQ for real-time workflows and optimized databases with Oracle/MySQL/Redis. Deployed cloud-native solutions on AWS with Docker and Kubernetes, ensuring compliance with PCI-DSS and GDPR**.**

Responsibilities:

- Designed and implemented **modular Angular applications** with lazy loading and AOT compilation, improving **page load times by 30%** and enhancing scalability for enterprise portals.
- Built **custom Angular Material components and reusable directives/pipes**, standardizing UI patterns across projects and reducing development rework.
- Integrated **RESTful and GraphQL APIs** with HTTP Client, applying **NgRx state management** to deliver predictable and scalable frontend workflows.
- Developed and tested **dynamic forms with reactive validations**, reducing user input errors and improving data quality across business applications.
- Configured **Jest, Jasmine, Karma, and React Testing Library** for unit and integration testing, achieving **85%+ test coverage** on UI modules.
- Implemented **OAuth2.0 and JWT-based authentication/authorization**, ensuring secure session handling and compliance with client security standards.
- Developed **Spring Boot microservices**, integrating with **Kafka for real-time event streaming** and **RabbitMQ for reliable asynchronous communication**.
- Applied **Spring Security and centralized authorization policies**, reducing security risks and ensuring controlled access to enterprise systems.

- Optimized **Oracle, MySQL, and Redis queries**, improving query response times by **40%** for high-volume enterprise workloads.
- Built **Spring Batch jobs** for ETL workflows and batch data processing, with scheduling configured via **Autosys** for critical operations.
- Automated deployments with **Jenkins, GitHub Actions, Docker, and Kubernetes**, cutting release cycle times by **25%** and increasing deployment reliability.
- Leveraged **AWS services (Lambda, SQS, SNS, API Gateway, S3)** to deliver **cloud-native enterprise applications**, enhancing scalability and reducing infrastructure costs.
- Monitored applications using **Grafana, Prometheus, and Splunk**, enabling proactive diagnostics and reducing downtime by **20%**.
- Ensured **code quality and maintainability** through **SonarQube, JUnit, Mockito, and WireMock**, strengthening defect detection and enforcing enterprise coding standards.

Environment: Java 8, Spring Boot, Spring Cloud, RESTful APIs, Angular, Typescript, OAuth 2.0, Kafka, RabbitMQ, GraphQL, Hibernate, Oracle, MySQL, Redis, Spring Batch, JUnit, Mockito, WireMock, Kubernetes, AWS (SQS, SNS, Lambda), CI/CD (Jenkins, GitHub Actions, Docker), SonarQube.

Client: Kotak bank, Hyderabad, IN **Sep 2019 to Dec 2020**
Role: Software Developer
Project Overview:
Developed banking applications with React (Redux) and Spring Boot microservices, delivering real-time dashboards and secure transaction processing. Deployed AWS cloud-native solutions with Docker/Kubernetes, integrating Kafka, RabbitMQ, and OAuth2.0/JWT for event-driven, compliant workflows.

Responsibilities:
- Developed **React components** using **Redux and Context API** for state management.
- Built reusable, modular UI components using **Material-UI and Styled Components**.
- Integrated **RESTful APIs** and handled authentication flows using **OAuth 2.0 and JWT**.
- Created **React hooks and custom hooks** to manage complex state logic.
- Optimized frontend performance using **React.memo, lazy loading, and code splitting**.
- Developed data-intensive dashboards using **D3.js and Chart.js** for financial data visualization.
- Implemented **unit testing using Jest and React Testing Library** for ensuring component reliability.
- Designed and implemented **secure RESTful and SOAP services** using Spring Boot.
- Integrated **Kafka and RabbitMQ** for event-driven microservices architecture.
- Used **Spring Security with JWT and OAuth 2.0** for authentication and authorization.
- Developed batch-processing jobs using **Spring Batch** to handle large-scale banking transactions.
- Set up **CI/CD pipelines** using Jenkins, Docker, and Kubernetes, improving release cycles.
- Worked on **multi-region deployments using AWS RDS, S3, and Lambda**.
- Implemented **logging and monitoring solutions using ELK Stack (Elasticsearch, Logstash, Kibana)**.
- Optimized database transactions using **PostgreSQL indexing and query tuning techniques**.

Environment: Java 8, Spring Boot, Spring Security, RESTful APIs, React, Redux, OAuth 2.0, Kafka, RabbitMQ, ActiveMQ, Hibernate, Oracle 12c, Spring Batch, Microservices, Kubernetes, Redis, Jenkins, JMeter, Grafana, ELK Stack, AWS (RDS, S3, Lambda).

EDUCATION:

Master of Science in Computer Science | Franklin University, Columbus, OH, (**Jan 2024).**

Bachelor Science in Computer Science | Aurora College, Hyderabad, India, (**May 2020).**