**NAME:**

**Email:**

**Phone:**

**Senior API Engineer | Java & Spring Boot Specialist**

### **Professional Summary**

* Senior API Engineer with 9+ years of experience designing, developing, and deploying enterprise-grade RESTful APIs using Java, Spring Boot, PostgreSQL, MongoDB, Kafka, and RabbitMQ, delivering reliable and scalable solutions.
* Architected and implemented highly available microservices architectures using Spring Boot, Docker, and Kubernetes, integrating internal platforms and third-party services across multiple clients.
* Implemented OAuth2/JWT authentication, API versioning, error handling, and Swagger/OpenAPI documentation, ensuring secure, maintainable, and well-documented APIs.
* Mentored junior engineers on coding standards, unit testing, API lifecycle management, and CI/CD best practices using Jenkins, Docker, and Kubernetes, improving team performance and code quality.
* Built event-driven architectures using Kafka and RabbitMQ, supporting asynchronous processing, message-driven workflows, and system resilience.
* Automated CI/CD pipelines with Jenkins, Docker, Kubernetes, and Git, enabling cloud deployment across AWS, Azure, and GCP while ensuring repeatable, low-risk production releases.
* Integrated APIs with PostgreSQL, MySQL, and MongoDB, optimizing queries for high throughput, reliability, and transactional consistency.
* Monitored and optimized API performance using Prometheus, Grafana, and ELK stack, profiling endpoints and resolving bottlenecks for stable production performance.
* Collaborated with product owners, solution architects, and cross-functional teams using Agile/Scrum methodologies and Git, translating business requirements into technical solutions.
* Conducted code reviews, technical audits, and architecture assessments across multiple technologies including Java, Spring Boot, Docker, Kubernetes, and API gateways.
* Developed and maintained Swagger/OpenAPI documentation for all API endpoints, standardizing integration patterns and supporting internal and external consumers.
* Championed cloud-native, containerized, and orchestrated DevOps practices for Jenkins, Docker, Kubernetes, and Git-based pipelines.
* Experience integrating APIs with front-end frameworks such as React and Angular, supporting full-stack collaboration across projects.
* Provided guidance on emerging API technologies, microservices patterns, and event-driven architectures, improving maintainability, scalability, and reliability of enterprise applications.
* Demonstrated strong problem-solving, leadership, and communication skills, independently driving technical initiatives while managing multiple technology environments.

## **Technical Skills**

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| **Category** | **Key Technologies & Tools** |
| **Programming & Core** | Java (17, 11, 8), Spring Boot (3, 2.7, 2), Spring Framework, Microservices Architecture |
| **APIs & Security** | RESTful APIs Design/Development, OAuth2/JWT Security, API Versioning, Swagger/OpenAPI, API Gateways (Apigee, AWS API Gateway) |
| **Databases & Data** | PostgreSQL, MongoDB, MySQL, SQL/NoSQL Query Optimization |
| **Messaging & Events** | Kafka, RabbitMQ, Event-Driven Architectures, Asynchronous Processing |
| **DevOps & Cloud** | Kubernetes (AKS), Docker, Jenkins, CI/CD Automation, Git, AWS, Azure, GCP |
| **Monitoring & Logging** | Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Performance Profiling |
| **Methodology & Front-End** | Agile/Scrum, Technical Audits, Code Review, Integration with React and Angular |

### **Professional Experience**

#### **Client: Humana, Inc. , Louisville, KY Oct 2024 – Present**

#### **Senior API Engineer**

**Environment:** Java 17, Spring Boot 3, RESTful APIs, Swagger/OpenAPI, PostgreSQL, MongoDB, Kafka, RabbitMQ, Jenkins, Docker, Kubernetes, AWS, Git, Prometheus, Grafana, Agile/Scrum

**Responsibilities:**

* Architected and implemented enterprise-grade RESTful APIs using Java 17 and Spring Boot 3, integrating PostgreSQL and MongoDB databases for reliable and scalable data management.
* Led technical discussions on microservices architecture, API design, OAuth2/JWT security, and error handling, guiding teams across Jenkins, Docker, and Kubernetes pipelines.
* Mentored junior engineers on coding standards, API lifecycle management, unit testing, and CI/CD practices using Git, Jenkins, Docker, and Kubernetes, improving team delivery efficiency.
* Implemented secure authentication and authorization using OAuth2/JWT, enabling consistent and maintainable API security across multiple services.
* Developed and maintained Swagger/OpenAPI documentation with versioning, standardizing APIs for internal and external integration while supporting PostgreSQL and MongoDB backends.
* Built event-driven pipelines using Kafka and RabbitMQ, ensuring asynchronous message processing and fault-tolerant enterprise workflows.
* Automated CI/CD pipelines with Jenkins, Docker, Kubernetes, and Git, enabling repeatable cloud deployments with rollback capabilities on AWS.
* Monitored API endpoints and services using Prometheus, Grafana, and ELK stack, profiling performance and resolving latency and throughput bottlenecks.
* Collaborated with cross-functional teams using Agile/Scrum methodologies and Git, translating complex business requirements into technically scalable API solutions.
* Integrated APIs with internal platforms and third-party systems using API gateway solutions such as Apigee and AWS API Gateway for routing, security, and monitoring.
* Conducted code reviews, technical audits, and architecture assessments, enforcing adherence to coding, security, and architectural standards.
* Recommended and implemented emerging API technologies and design patterns to improve reliability and maintainability across Spring Boot and microservices environments.
* Championed DevOps adoption, containerization, orchestration, and cloud deployment practices using Jenkins, Docker, Kubernetes, and AWS, streamlining development and operational workflows.
* Developed reusable microservices components using Spring Boot, Kafka, and RabbitMQ, reducing integration complexity and improving performance.

#### **Client: J.P. Morgan Chase, Tampa, Florida May 2022 – Sep 2024**

#### **API Engineer**

**Environment:** Java 11, Spring Boot 2.7, RESTful APIs, MySQL, MongoDB, RabbitMQ, Jenkins, Docker, Kubernetes, AWS, Git, Prometheus, Grafana

**Responsibilities:**

* Designed and implemented RESTful APIs using Java 11 and Spring Boot 2.7, integrating MySQL and MongoDB databases to support enterprise services.
* Implemented OAuth2/JWT authentication and API security measures, ensuring maintainable and compliant API solutions.
* Mentored junior engineers on API design best practices, unit testing, CI/CD processes, and DevOps automation using Jenkins, Docker, and Kubernetes.
* Built asynchronous workflows using RabbitMQ, supporting reliable message-driven processing and fault-tolerant systems.
* Optimized database queries in MySQL and MongoDB, improving API response times and data consistency.
* Automated CI/CD pipelines with Jenkins, Docker, Kubernetes, and Git, enabling predictable and repeatable cloud deployments on AWS.
* Developed Swagger/OpenAPI documentation with versioning, standardizing APIs for integration with internal and external systems.
* Participated in architecture discussions and microservices design using Spring Boot, Kafka, and RabbitMQ, ensuring scalable and maintainable solutions.
* Monitored API performance with Prometheus and Grafana, identifying and resolving bottlenecks across multiple environments.
* Conducted code reviews, audits, and architectural assessments, enforcing compliance with coding, security, and architectural standards.
* Integrated APIs with internal systems and third-party services using API gateway solutions, standardizing routing, monitoring, and security.
* Advocated cloud-native, containerized, and orchestrated DevOps practices for continuous integration and deployment.
* Collaborated with cross-functional teams using Agile/Scrum and Git, delivering end-to-end API solutions that met business requirements.
* Recommended and implemented emerging microservices and API technologies, improving maintainability, performance, and scalability.

#### **Client: Molina Healthcare – Bothell, WA** **February 2019 – Apr 2022**

#### **API Developer**

**Environment:** Java 8, Spring Boot 2, RESTful APIs, PostgreSQL, Kafka, Jenkins, Docker, Azure, Git, Prometheus, Grafana

**Responsibilities:**

* Developed scalable RESTful APIs using Java 8 and Spring Boot 2, integrating PostgreSQL databases and ensuring high availability and reliability.
* Implemented OAuth2/JWT authentication and API security measures, maintaining secure and consistent API endpoints.
* Built Kafka-based event-driven architectures to support asynchronous processing and improve system throughput.
* Automated deployments using Jenkins, Docker, and Azure Kubernetes Service, streamlining delivery of microservices with rollback capabilities.
* Mentored junior engineers on API development, coding standards, testing, and CI/CD practices, improving overall team quality and efficiency.
* Optimized SQL and NoSQL queries in PostgreSQL and MongoDB to ensure consistent data access and high-performance API responses.
* Developed and maintained Swagger/OpenAPI documentation with versioning, standardizing API consumption for multiple teams.
* Participated in microservices architecture discussions and designed reusable components using Spring Boot, Kafka, and RabbitMQ.
* Monitored API performance using Prometheus and Grafana, identifying bottlenecks and implementing performance enhancements.
* Conducted code reviews, technical audits, and architecture assessments, enforcing enterprise coding and security standards.
* Integrated APIs with front-end frameworks such as React and Angular, supporting full-stack development and seamless integration.
* Implemented DevOps best practices including CI/CD automation, containerization, and orchestration across multiple environments.
* Collaborated with cross-functional teams using Agile/Scrum and Git, translating business requirements into technically sound API solutions.
* Recommended emerging API technologies and design patterns, improving maintainability, scalability, and system reliability.

#### **Client: Dhruvsoft Services Private Limited, Hyderabad, India** **August 2017 – November 2018**

#### **API Engineer**

**Environment:** Java 7, Spring, RESTful APIs, MySQL, MongoDB, RabbitMQ, Jenkins, Docker, Kubernetes, Git, Prometheus, Grafana

**Responsibilities:**

* Developed RESTful APIs using Java 7 and Spring, integrating MySQL and MongoDB databases for reliable and scalable data access.
* Implemented OAuth2/JWT authentication and authorization, enforcing secure API access across multiple microservices.
* Built asynchronous messaging workflows using RabbitMQ, enabling fault-tolerant and event-driven enterprise systems.
* Automated CI/CD pipelines using Jenkins, Docker, and Kubernetes, providing repeatable and low-risk cloud deployments.
* Mentored junior engineers on coding standards, API best practices, testing, and deployment automation, improving team delivery quality.
* Participated in microservices design and architecture discussions, ensuring scalable, maintainable, and reusable API components.
* Optimized database queries in MySQL and MongoDB, improving API performance and reliability under high-load conditions.
* Developed and maintained Swagger/OpenAPI documentation with versioning, standardizing API integration patterns across teams.
* Monitored API performance using Prometheus and Grafana, proactively resolving bottlenecks and improving system stability.
* Conducted code reviews, technical audits, and architecture assessments, enforcing adherence to coding, security, and architectural standards.
* Integrated APIs with internal systems and third-party services using API gateway solutions, ensuring secure, monitored, and well-routed endpoints.
* Supported front-end integration using React and Angular, enabling seamless full-stack application functionality.
* Recommended and implemented emerging API design patterns and microservices technologies, improving maintainability and scalability.
* Championed DevOps practices including CI/CD, containerization, orchestration, and automated monitoring across environments.

#### **Client: Ceequence Technologies Hyderabad, India March 2016 – July 2017**

#### **Java Developer**

**Environment:** Java 6/7, Spring, RESTful APIs, MySQL, Jenkins, Git, Docker

**Responsibilities:**

* Developed backend RESTful APIs using Java 6/7 and Spring, ensuring maintainable and scalable enterprise-grade solutions.
* Assisted in database schema design and optimized MySQL queries for efficient and reliable API performance.
* Implemented authentication, logging, and error handling mechanisms, improving API security and maintainability.
* Automated build and deployment processes using Jenkins, Git, and Docker, enabling repeatable and reliable production releases.
* Mentored interns and junior developers on Java, Spring, and API development best practices, improving overall team skillset.
* Integrated APIs with internal and third-party systems, ensuring seamless data exchange and workflow reliability.
* Participated in Agile/Scrum ceremonies, sprint planning, and feature delivery for multiple projects.
* Documented API endpoints, workflows, and integration patterns, supporting internal team knowledge transfer and standardization.
* Supported production troubleshooting, performance optimization, and scalability improvements across APIs.
* Collaborated with front-end teams using React and Angular for full-stack integration and testing.
* Recommended API design and architecture improvements, improving maintainability, scalability, and performance of enterprise applications.
* Conducted code reviews and technical audits, ensuring adherence to coding, security, and architecture standards.
* Assisted in migrating legacy APIs to microservices-based architectures, enabling scalable and maintainable services.
* Applied DevOps and cloud-native principles for CI/CD automation, containerization, and orchestration, improving deployment reliability.