

Hari Krishnan

Senior Software Engineer

harikrishna.wiztech@gmail.com | github.com/wiztechari

SUMMARY

Backend-focused software engineer specializing in Java and the Spring ecosystem, with a strong track record designing microservices, distributed systems, and cloud-native backend platforms. Comfortable owning a service end to end: system design, secure API development, database and caching strategy, containerized deployment, and production observability.

TECHNICAL SKILLS

CORE JAVA

Java 8/11/17/21, OOP, Collections, Exception Handling, Multithreading & Concurrency, Streams & Lambdas, Generics, JVM Internals, Memory Management, Design Patterns, SOLID, Clean Code

BACKEND DEVELOPMENT

Spring Framework, Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Spring Cloud, RESTful Web Services, Microservices Architecture, API Development, API Gateway, Service Discovery, Distributed Systems, Event-Driven Architecture

DATABASE

SQL, PostgreSQL, Oracle, MySQL, MongoDB, Cassandra, Database Design, Query Optimization, Indexing, Stored Procedures, JPA / Hibernate

MESSAGING & CACHING

Apache Kafka, RabbitMQ, Redis, Caching Strategies, Pub/Sub, Asynchronous Processing

CLOUD & DEVOPS

Microsoft Azure, Azure Kubernetes Service (AKS), Kubernetes, Docker, CI/CD, Jenkins, GitHub Actions, Maven, Gradle, Git, Linux, Nginx

TESTING

JUnit 5, Mockito, Integration Testing, Unit Testing, TDD, REST API Testing, Postman

SECURITY

Spring Security, OAuth 2.0, JWT, Role-Based Access Control (RBAC), API Security, OWASP, Secure Coding Practices

API & INTEGRATION

REST APIs, JSON, XML, Swagger / OpenAPI, WebSockets, STOMP, HTTP/HTTPS, Third-Party API Integration

ARCHITECTURE & ENGINEERING

Microservices, Distributed Systems, System Design, LLD, HLD, Scalability, Performance Optimization, Fault Tolerance, Logging & Monitoring, Observability, Troubleshooting

TOOLS

IntelliJ IDEA, Eclipse, Git, GitHub / GitLab / Bitbucket, Maven, Gradle, Jira, SonarQube, Postman

PROJECTS

Enterprise Microservices Platform

Designed and developed a scalable microservices-based backend. Implemented service-to-service communication, centralized configuration, security, caching, and fault-tolerance mechanisms.

Tech: Java, Spring Boot, Microservices, REST, Kafka, Redis, PostgreSQL, Docker, Kubernetes, Azure

Real-Time Chat & Messaging Platform

Built a real-time messaging application supporting private and group conversations, message delivery, user presence, and asynchronous communication over WebSocket/STOMP.

Tech: Java, Spring Boot, WebSocket, STOMP, PostgreSQL, Redis, REST APIs, Docker

Customer & Account Management System

Developed a secure enterprise backend for managing customer profiles, accounts, products, and transactions through RESTful APIs, with authentication, authorization, and validation.

Tech: Java, Spring Boot, Spring Security, JPA/Hibernate, Oracle, REST, JWT, Maven, JUnit, Mockito

Cloud-Native Data Processing Platform

Developed cloud-native Java services for processing and transforming large volumes of data asynchronously, deployed on Kubernetes/Azure with event-driven processing and CI/CD pipelines.

Tech: Java, Spring Boot, Kafka, Azure, Kubernetes, Docker, PostgreSQL, CI/CD, Git