

VIGNESH BASKARAN

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PROFILE SUMMARY

Java Developer with 3.5 years of experience building high-performance, scalable backend systems and enterprise applications. Strong background in modernizing legacy applications (Java 8→17, EJB → Spring Boot, JMS → Kafka), improving reliability, and optimizing API performance by 20–30%.

Experienced across both E-commerce and Insurance domains, contributing to platform enhancements that improved application stability and reduced critical defects by 10–15%. Skilled in Core Java, Spring Boot, Microservices, REST APIs, and event-driven architectures, with a strong focus on designing reliable backend services.

TECHNICAL SKILLS

Languages: Java, HTML, CSS, JavaScript

Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Hibernate

APIs & Integration: REST, SOAP, Kafka, JMS

Architecture: Microservices, Event-Driven Design

Build & DevOps: Maven, Jenkins, Git, Bitbucket, CI/CD pipelines

Testing: JUnit

Monitoring Tools: Datadog, Swagger, Postman

Databases: SQL

Methodologies: Agile/Scrum

PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES (TCS)

System Engineer | *July 2022 – Present*

INSURANCE DOMAIN (Java, Spring Boot, SQL, Kafka)

- Developed new backend features based on business requirements and user stories.
- Migrated the application from Java 8 → Java 17, improving performance and code quality.
- Modernized the platform by converting EJB modules to Spring Boot microservices, enhancing modularity and deployment speed.
- Replaced JMS queues with Kafka, improving throughput, scalability, and fault tolerance.
- Used Spring Data JPA & Hibernate for database operations and query optimization.
- Performed quarterly API performance optimization for high-latency components.
- Resolved P1/P2 production issues during hyper-care with detailed RCA and zero SLA breaches.

ECOMMERCE DOMAIN (Java, Microservices, API Maintenance)

- Contributed to migrating the application from a monolithic architecture to a microservices-based architecture.
 - Worked on development stories and defect fixes as part of continuous enhancement cycles.
 - Maintained, optimized, and performed bug fixes on APIs across Production and UAT environments.
 - Monitored API performance and stability in Production using Datadog dashboards and post-release validation checks.
 - Collaborated closely with cross-functional teams in Agile sprints to ensure on-time delivery.
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KEY ACHIEVEMENTS

- Contributed to migrating applications from monolithic architecture to microservices, improving scalability and maintainability.
 - Played a major role in modernizing the system by migrating from Java 8 to Java 17, EJB to Spring Boot, and JMS to Kafka.
 - Improved API performance by 20–25% through optimization and proactive production monitoring.
 - Resolved multiple P1/P2 production issues during hyper-care with detailed RCA and zero SLA breaches.
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EDUCATION

Bachelor of Engineering (Computer Science)
IFET College of Engineering, Anna University | 2018–2022

CERTIFICATIONS

- Google Cloud Certified – Associate Cloud Engineer
 - Generative AI Leader (In Process)
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AWARDS

- GEMS Award for Innovation (3×)
- Star of the Month
- HOPE Award for contributions to social service