

ROHIT SHAKYA

New Delhi, India

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Profile Snapshot

Senior Backend Engineer with **5 years** of experience specializing in **Java/Kotlin/PHP** and **Spring Boot**. Proven track record in designing, building, and scaling highly-available, low-latency distributed systems (**e-commerce, logistics, healthcare**) with a strong focus on technical leadership and business-critical impact.

Education

Department of Computer Science, University of Delhi

July 2019 – May 2021

Master of Science in Computer Science

New Delhi, India

Ramanujan College, University of Delhi

June 2016 – May 2019

Bachelor of Science in Computer Science

New Delhi, India

Technical Skills

Programming & CS Foundations: Java, Kotlin, C++, PHP, JavaScript, SQL, **Data Structures & Algorithms**
Frameworks & Libraries: Spring Boot, Spring Security, Hibernate, JPA, Laravel, Slim 4
Databases: PostgreSQL, MySQL, MongoDB, Redis, ClickHouse
DevOps & Cloud: Docker, Kubernetes, Git, GitHub, AWS (EC2, S3, RDS, SQS, IAM, Lambda, CloudWatch)
Architecture & Practices: Microservices, REST, CI/CD, Design Patterns, SOLID Principles, Agile/Scrum

Experience

OLX Indonesia – RoundCircle

Jan 2024 – Present

Senior Software Engineer

Gurgaon, India

- Led end-to-end backend development of a cross-service **video platform**, enabling seamless video support across Panamera Core, Hermes, Catalog, Sync, Jax, and Mudra services.
- Re-architected the **Product Catalog Service** to support multi-location listings, combo offers, spotlight, and video availability, improving search accuracy and increasing seller visibility by **30%**.
- Optimized SQL queries, cutting average latency from **900ms to 100ms**, reducing P99 page latency by **35%**.
- Refactored and upgraded all **PHP-based services** to the latest stable versions, improving fault isolation, uptime, and long-term maintainability.
- Integrated SonarQube and **Datadog APM**, reducing production debug time by **40%** and improving system reliability.

Healthians

Apr 2023 – Nov 2023

Software Development Engineer 2

Gurgaon, India

- Led backend development for the **Phlebo App**, integrating real-time appointment scheduling, location tracking, and patient record synchronization.
- Built **Inventory & Logistics Management** modules (barcode-based tracking, handover workflows), reducing test sample loss by **90%**.
- Enhanced **ERP/CRM** backend to integrate patient funnel data into operations dashboards, improving decision-making and boosting sales by **15%**.

ShopClues & Viva Online Learning Technologies

Jan 2021 – Apr 2023

Software Engineer

Gurgaon, India

- At **ShopClues SmartShip**, designed and implemented an **Order Management System (OMS)** handling 1M+ monthly orders, using Kafka with retry & DLQ for reliable workflows.
- Integrated major logistics partners (BlueDart, Delhivery), reducing sync time by **50%**, and built analytics pipelines using batch jobs & materialized views to monitor refund SLAs.
- Contributed to stabilizing ShopClues' high-traffic e-commerce infrastructure built on PHP and Apache, modernizing core workflows for scale and reliability.
- At **Viva Online Learning Technologies**, developed scalable RESTful APIs (Spring Boot, Laravel) supporting LMS operations including video, quiz, and ebook-based content for blended K-8 education aligned with NEP 2020.

Technical Leadership & Impact

- Optimized catalog and listing performance at OLX, reducing **P99 latency by 35%** for a smoother buyer experience.
- Enhanced mobile experience by cutting **API payloads 30%**, improving load times in low-bandwidth regions.
- Increased system reliability by resolving **memory leaks** and **N+1 queries**, lowering infrastructure costs by **25%**.
- Boosted engineering velocity through monitoring (**Grafana, Datadog**), reducing mean time-to-detect issues by **40%**.