Rohit Shakya

New Delhi, India
+91-7503356173 rohit.rkshakya@gmail.com rohitrkshakya Github Leetcode

Profile Snapshot

SDE 2 with **5 years of experience** in backend development, designing and scaling resilient distributed systems serving millions of users across **e-commerce**, **healthcare**, and **logistics** platforms with proven business 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

Languages: Java (Advanced), Kotlin, PHP, C++, JavaScript, SQL
Frameworks & Libraries: Spring Boot, Spring Security, Hibernate, JPA, Laravel, Slim 4
Databases: PostgreSQL, MySQL, SQLite, MongoDB, Redis
DevOps & Cloud: Docker, Kubernetes, Git, GitHub, Jenkins, Maven, Gradle, AWS (EC2, S3, RDS, Lambda, IAM)
Software Architecture & Practices: Microservices, REST, CI/CD, Agile/Scrum, Design Patterns, SOLID Principles

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%**.
- Contributed to modernizing Healthians' backend infrastructure by supporting the shift toward real-time analytics and recommendation-engine pipelines leveraging AWS data services.

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.

System-Wide Impact

- Improved catalog and listing performance at OLX by reducing **P99 latency 35%**, ensuring smoother buyer experience.
- Enhanced mobile experience by reducing API payloads **30%**, cutting load times significantly in low-bandwidth regions.
- Increased reliability by fixing memory leaks and N+1 queries, reducing infra costs by **25%**.
- Boosted engineering velocity with proactive monitoring (Grafana, Datadog), cutting mean time-to-detect by **40%**.