

LOKESH KUMAR

SENIOR BACKEND DEVELOPER | MICROSERVICES & MULTI-TENANT SYSTEMS

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PROFESSIONAL SUMMARY

Backend Engineer with over 5 years of hands-on experience designing, developing, and maintaining high-availability web applications, microservices architecture, and multi-tenant platforms. Proven expertise in building scalable RESTful APIs, optimizing complex SQL queries, and implementing caching mechanisms using **PHP (Laravel)**, **Node.js**, and **Python**. Strong foundation in Data Structures and Algorithms with a deep commitment to writing clean, maintainable code that aligns technical execution with business growth goals.

TECHNICAL SKILLS

Backend Technologies:	PHP (Laravel, Core PHP), Node.js, Python (Flask), React (Vite)
Architecture & Design:	Microservices, Multi-Tenant Systems, RESTful API Design, System Scalability
Databases & Caching:	MySQL, PostgreSQL, Query Optimization, Database Indexing, Redis
Core CS & Practices:	Data Structures & Algorithms (DSA), System Design, Code Reviews, Database Migrations
DevOps & Tools:	Git/GitHub, Web Hosting & Server Deployment

KEY PROJECTS

- **HRM System:** Built a multi-tenant Human Resource Management system on PHP Laravel with RESTful API architecture for enterprise client management.
- **Affiliate Platform:** Developed high-throughput backend modules using Python to handle user referral tracking and automated commission payouts.
- **Blog System:** Architected a modern content platform with a PHP Laravel REST API backend and a dynamic frontend built with React and Vite.
- **Inventory & Logistics Platforms:** Engineered custom inventory tracking and logistics management systems using Laravel, powering end-to-end API setups for real-time tracking.
- **Hotel Booking System:** Designed modular Laravel backend services and REST APIs to manage reservation workflows, availability calendars, and payment gateways.

PROFESSIONAL EXPERIENCE

Back End Developer — IDigitalPreneur Sept 2024 – Present | Delhi, India

- **IDigital Affiliate Platform:** Architected key backend modules using PHP Laravel, implementing robust business logic for user commission processing, referral tracking, and high-volume transaction workflows.
- **Zublee Game Backend:** Engineered real-time game logic, low-latency API endpoints, and session state management in Node.js for smooth multiplayer gameplay.
- **Namastro Microservices:** Designed core decoupled microservices using Laravel and Python, streamlining data flow between services for astrology calculations and automated report generation.
- **Database Performance:** Refactored SQL queries, structured database indexing, and integrated Redis caching layers across all platforms to optimize overall application responsiveness.

Software Developer — Get Focus Media & Co. Apr 2022 – Sept 2024 | Delhi, India

- **Client Onboarding Systems:** Developed resilient backend services using PHP Laravel, Python, and Flask to power customized client onboarding and automated lead processing pipelines.
- **Process Automation:** Built custom automated scripts for data ingestion and internal workflow management, driving operational efficiency by over 30%.
- **Third-Party Integrations:** Engineered and documented secure RESTful APIs to integrate external third-party platforms with robust authentication safeguards.

Web Developer — Jindal Aluminium Limited Dec 2021 – Apr 2022 | Bangalore, India

- **Patient Data Systems:** Maintained backend database operations and SQL architecture to securely process patient data for Jindal Naturecure Institute.
- **Database Optimization:** Refactored legacy web queries to enhance overall database accuracy and execution speed.

Web Developer — Jeet Network Nov 2020 – Dec 2021 | New Delhi, India

- Developed core features and backend scripts for client web applications utilizing Core PHP and server-side logic.

Marketing Management Specialist — Marketing Company

Feb 2018 – June 2021 | Delhi, India

- Led cross-functional team operations, leveraging strong communication to bridge business goals with technical execution.

EDUCATION

Master of Computer Applications (MCA) — Indira Gandhi National Open University (IGNOU)

July 2018 – Feb 2021

Bachelor's Degree in Computer Programming — Indira Gandhi National Open University (IGNOU)

2015 – 2018

HONORS & CERTIFICATIONS

- Marketing Level Up Award:** Recognized for exceptional campaign execution and leadership skills.
- English Programme Certification:** Certified in advanced professional communication.