

# MANISH RAJORA

Principal / Lead PHP Engineer | Laravel | Microservices | Cloud Architecture

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## PROFESSIONAL SUMMARY

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Principal-level PHP & Laravel Engineer with 10+ years of experience designing and delivering scalable, resilient web systems across SaaS, CRM, ERP, and e-commerce domains. Hands-on architect with deep expertise in microservices architecture, object-oriented design (SOLID principles, design patterns), distributed systems, and cloud infrastructure (AWS). Proven leader in system modernization, migrating legacy PHP codebases to Laravel/modern frameworks while maintaining production stability. Skilled in mentoring cross-functional engineering teams, defining coding standards, and driving architectural reviews. Strong background in PostgreSQL and MySQL database optimization, RESTful API design, and CI/CD pipeline management.

## TECHNICAL SKILLS

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**Backend & Frameworks:** PHP (10+ yrs), Laravel 5.x–11.x, Symfony (familiar), Object-Oriented Design, SOLID Principles, Design Patterns

**Architecture:** Microservices Architecture, Distributed Systems, Event-Driven Architecture, RESTful APIs, System Modernization, Scalable & Resilient System Design

**Frontend:** React.js, Vue.js, JavaScript (ES6+), HTML5, CSS3, SASS, AJAX, AngularJS

**Database:** MySQL (advanced), PostgreSQL (advanced), Query Optimization, Indexing, Schema Design, Redis, Memcached

**Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda), Docker, Kubernetes (familiar), Linux, Nginx, Apache, GitHub Actions, GitLab CI/CD, CI/CD Pipelines

**Authentication & Security:** OAuth2, JWT, Laravel Sanctum, Laravel Passport, Secure API Design

**Testing & Quality:** PHPUnit, Pest, Unit & Feature Testing, Code Reviews, Architectural Reviews, Coding Standards

**Integrations:** Third-Party REST APIs, Payment Gateways, CRM/ERP Systems, Email/SMS APIs

**Practices:** Agile/Scrum, Technical Mentorship, Cross-functional Collaboration, Performance Optimization

## PROFESSIONAL EXPERIENCE

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### Principal Laravel Engineer / Technical Lead | Spares Pazari, Noida

September 2022 – Present

- Architected and led a team of 5 engineers to build 3S IIMCS — a large-scale, microservices-inspired Laravel inventory management system integrating legacy warehouse workflows with modern APIs; reduced manual operations by ~40%.
- Designed scalable system architecture for SP-Marketplace (AI-driven e-commerce platform for the marine industry) using Laravel, React.js, RESTful APIs, and AWS (EC2, S3, RDS); implemented Docker-based deployment workflows for consistent environment management.
- Led development of BunkerSync — a SaaS-based bunkering platform built on Laravel and React.js that automates manual follow-up and time tracking workflows, reducing operational overhead by 50–70%. Engineered a predictive P&L engine that analyses real-time market data and current decision parameters to forecast profit and loss in advance, enabling data-driven procurement decisions for fleet operators.
- Led system modernization of core procurement modules, migrating legacy PHP code to Laravel framework with clean OOP architecture, improving code maintainability and reducing bug rate by ~30%.
- Defined and enforced coding standards, SOLID principles, and design patterns across the engineering team; conducted weekly architectural reviews and code reviews to ensure system reliability.
- Implemented Redis-based queue workers and background job processing for high-volume email automation (Smart Enquiry system), handling 500+ inbound emails/day with zero manual intervention.

- Collaborated with DevOps to design AWS cloud infrastructure (EC2, RDS, S3, Lambda) for cost-efficient, resilient deployments; implemented CI/CD pipelines using GitHub Actions for automated testing and deployment.
- Optimized PostgreSQL and MySQL database schemas — introduced advanced indexing strategies and query tuning, reducing critical API response times by ~35%.
- Mentored 2 junior developers, conducting bi-weekly 1:1 sessions and structured code walkthroughs; improved team code quality scores by 25% within 6 months.

### **Senior PHP & Laravel Developer | 1820 Digital, NSP Delhi**

*April 2020 – April 2021*

- Designed and built Bunkering CRM — a distributed Laravel application providing real-time fuel procurement monitoring across 20+ vessels; implemented event-driven architecture for real-time status updates between ship masters and vendors.
- Developed Horderly.com ERP using Laravel 6, MySQL, and Vue.js; designed normalized database schemas and optimized complex reporting queries for inventory and cash flow modules.
- Led architectural discussions on transitioning monolithic PHP services to modular, API-first components to support scalability and future microservices adoption.

### **Senior PHP & Laravel Developer | Dattar Solution, Delhi**

*June 2019 – April 2020*

- Built Dot2d2dotz.com logistics platform using Laravel 5.3 with RESTful APIs consumed by Android and iOS native apps; deployed on AWS with Linux/Nginx server stack and implemented JWT-secured API layer.
- Designed optimized MySQL database schemas for geolocation-based queries and high-concurrency booking workflows supporting 500+ concurrent users.

### **PHP Developer → Senior Laravel Developer | Perzue Healthcare, Noida**

*October 2017 – June 2019 | April 2021 – August 2021*

- Built Perzue.com — a healthcare job portal connecting 10,000+ job seekers with medical employers; implemented role-based access control (RBAC), Laravel queues for asynchronous processing, and secure API integrations with third-party HR systems.
- Gained exposure to healthcare domain data handling, user privacy requirements, and secure data workflows — foundational understanding applicable to HIPAA-compliant systems.

### **Laravel Developer | Sculptured Minds, Noida**

*October 2016 – October 2017*

- Developed Clientbridge.com CRM for US-based child care organizations using Vue.js and Laravel 5.1; implemented document management workflows and structured activity logs for 15+ organizations.

### **PHP / Laravel Developer | Strive IT Services, Noida**

*April 2016 – September 2016*

- Built Dawaaii.com online medicine portal using AngularJS and Laravel 5.0; integrated third-party medical service APIs for ambulance booking, blood bank, and hospital finder features.

## **EDUCATION**

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**Master of Computer Applications (MCA)** — C-DAC, Noida | 2010–2014

**Bachelor of Computer Applications (BCA)** — Jamia Hamdard, Delhi | 2007–2009

## **DECLARATION**

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*I hereby declare that all details furnished above are true to the best of my knowledge.*

**Manish Rajora**