

ASMAA ABOZIED

Senior Backend Engineer (PHP / Laravel)

Cairo, Egypt | Open to Onsite, Hybrid & Remote Opportunities (Egypt & International)

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Portfolio: <https://asmaaabozied.github.io/>

Available for Immediate Start

PROFESSIONAL SUMMARY

Senior Backend Engineer with 7+ years of experience building scalable, secure, and high-performance backend systems using PHP and Laravel. Strong expertise in RESTful APIs, database optimization, Redis, real-time systems, microservices architecture, and multi-tenant platforms. Hands-on experience with MySQL, MongoDB, multiple database architectures, and modern DevOps workflows while maintaining clean code, SOLID principles, and production-grade performance.

PROFESSIONAL EXPERIENCE

Senior Backend Engineer – Laravel / Vue.js

Prime Gate | Jan 2024 – Jan 2026

- Designed and developed large-scale backend systems using Laravel
- Built secure and scalable REST APIs for web and mobile applications
- Reduced API response time by 40% using query optimization, indexing, and Redis caching
- Implemented Redis for caching, queues, background jobs, and session handling
- Worked with MySQL and MongoDB databases based on business needs
- Applied multi-database strategies (read/write separation, data isolation)
- Designed and maintained multi-tenant systems (Single DB & Multi DB approaches)
- Integrated third-party services (payments, SMS, email, webhooks)
- Deployed and managed applications using Docker and Kubernetes
- Implemented real-time features using WebSockets (Pusher, Laravel Echo)
- Led backend architecture decisions and code reviews

Senior Backend Engineer – Laravel

Mastercard (Contract) | Jan 2021 – Jan 2024

- Developed secure, scalable enterprise applications using Laravel and MySQL
- Built internal systems, admin dashboards, and real-time notification services
- Optimized database performance using indexing, eager loading, and query refactoring
- Implemented Redis caching, queues, and background workers
- Designed APIs for mobile applications and integrated payment gateways
- Migrated legacy systems to modern Laravel architecture
- Applied SOLID principles and design patterns to improve maintainability

PHP / Laravel Developer

AI Motakamel | Jan 2019 – Jan 2021

- Built backend systems and dashboards from scratch using Laravel and Filament
- Designed REST APIs consumed by web and mobile applications
- Implemented Redis caching, queues, and scheduled jobs
- Worked extensively with MySQL databases and performance optimization

- Deployed applications using Docker and managed environments

Frontend Developer

Jaadra | Jan 2018 – Jan 2019

- Developed responsive UI using HTML, CSS, Bootstrap, JavaScript, and AJAX
- Worked with jQuery, Alpine.js, PHP, and Laravel-based systems

KEY PROJECTS

- Enterprise ERP System serving 50,000+ users with real-time notifications and WebSocket support
- High-Traffic API Platform reducing server load by 35% using Redis caching and database optimization
- Multi-Vendor E-Commerce Platform with payment gateway integration, Redis queues, and multi-tenant architecture

SKILLS

Backend:	PHP, Laravel, Livewire, Lumen, Filament, REST APIs, MVC, OOP, SOLID Principles, Design Patterns, Microservices Architecture, WebSockets (Pusher, Laravel Echo), Swoole, Payment Gateways, Third-Party APIs
Databases & Data Architecture:	MySQL (Indexing, Query Optimization, Replication), MongoDB (NoSQL Design, Aggregations, Performance Tuning), Redis (Caching, Queues, Pub/Sub, Sessions), Multiple Databases Architecture (Read/Write Separation, Sharding), Database Optimization & Performance Tuning, Multi-Tenancy (Single Database, Multiple Databases, Tenant Isolation)
Frontend:	Vue.js, Vuex, Vue CLI, React, JavaScript, HTML5, CSS3, Bootstrap, jQuery, AJAX, Alpine.js, Tailwind CSS
Version Control & CI/CD:	Git, GitHub, GitLab, Bitbucket, GitHub Actions, CI/CD Pipelines
Tools & DevOps:	Docker, Docker Desktop, Kubernetes, ArgoCD, Nginx, Swagger, Postman, Jira, Azure DevOps
Testing:	PHPUnit, Pest
Security:	Authentication, Authorization, API Security, OWASP
Performance:	Query Optimization, Caching, Queues, Horizon

EDUCATION

B.Sc. in Computer Science – Faculty of Computers & Information

Information Technology Institute (ITI) – Full Stack Web Development (PHP, Laravel, Vue.js)

LANGUAGES

Arabic: Native | English: Intermediate