MOHAMED SAMIR

Senior Backend Engineer (Laravel & PHP)

Riyadh, Saudi Arabia | +966 53 786 8910 | mohammed_samir0@outlook.com

LinkedIn: linkedin.com/in/mohamed-s-shahin | GitHub: github.com/mohammed-samir01 | Website: mohamed-shahin.com

PROFESSIONAL SUMMARY

Senior Backend Engineer with 5+ years of experience architecting scalable SaaS, ERP, and high-traffic web applications. Expert in the Laravel Ecosystem (Octane, Reverb), System Design, and Cloud Infrastructure. Proven track record of leading complex migrations (WordPress to Laravel/Next.js), optimizing API response times by 40%, and reducing deployment cycles by 80% via CI/CD pipelines. Adept at database optimization for high-volume datasets and integrating secure multi-gateway payment systems.

TECHNICAL SKILLS

• **Backend Architecture:** PHP, Laravel (Octane, Reverb, Livewire), RESTful APIs, Microservices, DDD, SOLID Principles, MVC.
• **Database & Caching:** MySQL, MariaDB, MongoDB, Redis (Caching, Queues), Database Indexing, Query Optimization.
• **DevOps & Cloud:** Docker, Kubernetes Basics, AWS, Nginx, Apache, CI/CD (GitHub Actions), Linux (Ubuntu/CentOS).
• **Tools & Testing:** Git, PHPUnit, Postman, Swagger/OpenAPI, Jira.
• **Frontend Familiarity:** JavaScript (ES6+), TypeScript, Angular.js, HTML5/CSS3.

PROFESSIONAL EXPERIENCE

Maaal.com | Riyadh, Saudi Arabia
Senior Software Engineer & Team Lead | *Jul 2024 – Present*
Leading the development of the Maaal platform (Arabic & English), improving backend architecture and scalability for high-traffic financial news services.
• **System Modernization:** Led the full technical upgrade of capital.maaal.com, migrating it from a Python-based system to a modern Laravel & Next.js architecture, improving performance and maintainability.
• **Legacy Migration:** Led the strategic migration of a large-scale content platform from **WordPress** to a decoupled Laravel + Next.js architecture, significantly enhancing security.
• **Performance & Real-Time:** Rebuilt production environments using **Laravel Octane, Redis, and Reverb** to enable real-time event broadcasting and handle high-concurrency traffic.
• **Data Engineering:** Orchestrated a zero-downtime database migration of **~100,000 records**, ensuring data integrity and implementing advanced SEO redirection logic.
• **DevOps Automation:** Designed CI/CD pipelines using GitHub Actions, automating testing and deployments to reduce release overhead.

Professional Export Company | Riyadh, Saudi Arabia
Lead Backend Engineer | *May 2023 – July 2024*
Spearheaded digital transformation and backend infrastructure for a holding company with 5+ subsidiaries.
• **API Optimization:** Refactored legacy RESTful APIs and system integrations, achieving a 40% reduction in average server response times.
• **Infrastructure Management:** Managed cloud infrastructure on VPS Cloud, optimizing MySQL configurations for high-availability production environments.
• **Project Leadership:** Aligned technical strategy with business goals for subsidiaries including FreeLight and Arman Kitchens, delivering scalable ERP solutions.

Fatoorah.sa | Riyadh, Saudi Arabia
Backend Developer (Laravel) | *Aug 2022 – May 2023*
Focused on Fintech solutions, Payment Gateways, and ERP modules.
• **Fintech Integration:** Developed secure payment processing systems, integrating multiple payment gateways while ensuring compliance with local financial regulations.
• **ERP Development:** Built custom ERP modules for vendor management, warehouse logistics, and POS systems, streamlining core business operations.
• **Third-Party Sync:** Engineered automated integrations with Salla & Zid platforms to sync orders and inventory in real-time.
• **Efficiency:** Integrated AI-powered chatbots and automation tools to reduce customer support ticket volume.

Accura Group | Egypt
Backend Developer | *Jul 2022 – May 2023*
• **Backend Architecture:** Architected scalable web applications using Core PHP and Laravel, focusing on modular backend logic and system-level integrations.
• **CMS Customization**: Developed bespoke WordPress themes and plugins, optimizing performance for custom client requirements.

Websolla.com | Egypt
Full Stack Developer | *Jan 2022 – Jul 2022*
• **Full Stack Development:** Developed full-stack web applications using Laravel, JavaScript, and Bootstrap, delivering optimized features for improved user experience and performance.

EDUCATION

Bachelor's Degree in Computer Science
Faculty of Computers and Information, Delta Academy | *2016 – 2020*
• **Honors**: Graduated with Honors | **Project:** Electronic License (Grade: Excellent).

CERTIFICATIONS & AWARDS

• Advanced Web Development (Udacity) | Full-Stack Development (ITI, NTI).
• Cloud Practitioner Fundamentals (AWS - Self Study) | **Awards:** Ranked 7th University-Wide Over 4 Years