

Dhiaa Mostafa

Senior Software Engineer · Backend | APIs | Distributed Systems | Laravel | Node.js | React

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience designing and delivering scalable web services, RESTful APIs, and distributed systems for high-traffic production environments in the Saudi and Gulf markets. Deep expertise in backend architecture with Laravel and Node.js, event-driven design, SQL/NoSQL databases, CI/CD pipelines, and Agile/DevOps delivery. Proven record of owning end-to-end architectural decisions, mentoring engineering teams, and driving high-impact outcomes — serving 500+ enterprise clients, managing 7,000+ active users, improving system performance by 40%+, and maintaining 99%+ uptime across all production environments.

KEY ACHIEVEMENTS

- ▶ Scaled a multi-tenant SaaS logistics platform to 7,000+ active delivery agents with real-time WebSocket tracking in a high-traffic production environment — zero reported downtime during peak operations.
- ▶ Delivered Evix ERP API integrations for 500+ enterprise clients across Saudi Arabia as the primary engineer — owning full architecture, API design, and third-party service connections.
- ▶ Reduced average database query response times by 40%+ via Redis caching, strategic indexing, and query restructuring on high-traffic Laravel applications.
- ▶ Owned architectural decisions across multiple complex domains, leading cross-functional teams and driving engineering standards across the organization.
- ▶ Successfully delivered 10+ production systems spanning ERP, CRM, HR, logistics, and e-commerce within 5 years.

TECHNICAL SKILLS

Backend: PHP, Laravel, Node.js, Next.js, RESTful APIs, GraphQL, WebSockets, Microservices, API Gateway, Event-Driven Architecture

Messaging & Queues: Redis Queues, RabbitMQ, Laravel Queues, Kafka (conceptual)

Frontend: JavaScript, TypeScript, React.js, jQuery, Bootstrap, Tailwind CSS, SASS, AJAX, HTML/CSS

Databases: MySQL, PostgreSQL, Redis, Elasticsearch — indexing, query optimization, schema design

Cloud & DevOps: AWS (EC2, S3, RDS), Docker, CI/CD (GitHub Actions, GitLab CI), Linux, Agile/Scrum

Architecture: SaaS Multi-Tenancy, Microservices, Clean Architecture, RBAC, ERP & CRM Systems, SDLC, System Design

Mobile: Flutter (iOS & Android) | Version Control: Git, GitHub, GitLab

WORK EXPERIENCE

Senior Software Engineer · Bander Trading Company *Riyadh, SA | 2023 – Present*

- ▶ Owned end-to-end architecture and delivery of a multi-tenant SaaS logistics platform (Laravel + sub-domain architecture), scaling to 7,000+ active delivery agents with real-time tracking via WebSockets — designed for zero-downtime under high-traffic peak load.
- ▶ Led full architectural design and API integration of Evix ERP for 500+ subscribed enterprise clients via RESTful APIs — ensuring high availability, seamless data synchronization, strict tenant isolation, and full lifecycle ownership.
- ▶ Architected and built a comprehensive HR Management System covering automated payroll processing, attendance tracking, leave management, and configurable policy management — eliminating manual HR operations.
- ▶ Developed multi-vertical e-commerce platforms with secure payment gateway integration and inventory management across multiple industries.
- ▶ Designed event-driven workflows using Redis Queues and Laravel Queue workers to handle asynchronous jobs and background processing at scale.

- ▶ Optimized database performance using Redis caching, strategic SQL indexing, and query restructuring — improving average API response times by 40%+ on high-traffic endpoints.
- ▶ Implemented enterprise authentication systems with Role-Based Access Control (RBAC), ensuring strict data isolation and security across all multi-tenant environments.
- ▶ Established and maintained CI/CD pipelines using GitHub Actions and Docker for automated testing and deployments; maintained 99%+ uptime and system stability across all enterprise tenants.
- ▶ Led ERP & CRM development with workflow automation; mentored junior engineers, conducted code reviews, and drove engineering standards across the domain.

Full-Stack Developer · **Smart System** *Riyadh, SA | 2022 – 2023*

- ▶ Developed and enhanced Restaurant Management Systems and Hotel Reservation Systems — improving operational workflows through full-stack Laravel + React solutions.
- ▶ Designed and built an entrepreneurship platform and multiple corporate business websites, managing full SDLC from system design to production deployment.
- ▶ Built fully responsive, modern UIs using React, Bootstrap, Tailwind CSS, and SASS — fully integrated with RESTful back-end APIs.
- ▶ Contributed to platform architecture design, code reviews, and performance optimization across concurrent Agile/Scrum projects.

Freelance Software Developer · **Self-Employed** *Remote | 2021 – 2022*

- ▶ Delivered custom web applications and API integrations for various clients using Laravel, PHP, and modern JavaScript frameworks.
- ▶ Maintained and upgraded legacy codebases, improving security and overall system performance.

Full-Stack Developer · **SKYSOFT** *Sanaa, Yemen | 2020 – 2021*

- ▶ Developed cross-platform mobile applications using Flutter: School Management System, E-commerce Platform, and Hotel Booking System.
- ▶ Integrated mobile applications with RESTful APIs and Laravel/PHP back-end services within Agile teams.

EDUCATION

Bachelor of Information Technology — IBB University, Yemen | May 2020

LANGUAGES

Arabic — Native **English** — Professional Working Proficiency