





# Mohamed Ali

## Backend Engineer | PHP/Laravel Specialist

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## Professional Summary

Backend Engineer with 3+ years specializing in scalable Laravel microservices and AWS cloud automation. Drove 40% reduction in system issues at Value Business Planning and 25% operational efficiency gains via ERP integrations at PDC-EG. Proven expertise in developing enterprise-level applications with measurable business impact, including 30% cost reduction through cloud optimization and successful collaboration with cross-functional teams across logistics and real estate sectors.

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## Technical Skills

**Backend Development:** PHP, Laravel, RESTful APIs, MySQL, Node.js, SQL Server Management Studio (SSMS)

**Cloud & DevOps:** AWS EC2/S3, Docker, Kubernetes, CI/CD pipelines, Cloud hosting management, Agile methodologies

**Frontend Technologies:** JavaScript, HTML5, CSS3, AJAX, Bootstrap, ReactJS, TypeScript, Sass, Tailwind CSS

**Business Intelligence:** Power BI, Power Automate, SharePoint, Microsoft Office Suite

**Development Tools:** Git, GitHub, WordPress, Shopify API, Figma, responsive web design

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## Professional Experience

### Backend Engineer | Value Business Planning

**Nov 2024 – Present**

- Architected and deployed 5+ full-stack web applications using PHP/Laravel, achieving 100% successful project launches for critical business operations
- Optimized legacy system performance through database indexing and query optimization, improving response times by 30% and eliminating downtime incidents
- Integrated RESTful APIs between web backends and mobile platforms, enhancing data synchronization efficiency by 35%

- **Real Estate ERP Project:** Built comprehensive ERP solution with role-based access control and automated workflows, streamlining cross-department planning for 200+ users
- Implemented secure payment gateways and authentication systems, increasing customer retention from 75% to 95% (20% improvement)
- Managed AWS cloud infrastructure, achieving 25% cost reduction (\$15K annually) while maintaining 99.9% uptime

## Software Engineer | PDC-EG

Jan 2024 – Sep 2024

- Spearheaded Warehouse Management System (WMS) integration projects, enabling real-time inventory tracking for 10K+ products across multiple warehouses
- **PDC Warehouse App:** Developed Laravel-based application with SQL Jobs integration, reducing data latency from 2 minutes to 15 seconds
- **UGotBox System Redesign:** Led architectural restructuring using OOP principles, reducing post-deployment issues by 40% and achieving 99.5% system stability
- Automated business processes using Power Automate for carrier integration and scheduling, reducing manual workload from 40 hours to 12 hours weekly
- Built comprehensive ticketing system with Power BI dashboards, improving issue resolution from 4 hours to 1.5 hours average response time
- Mentored 4 junior developers in database management and API integration, achieving 100% successful onboarding within 8 weeks
- **Custom Shopify Integration:** Created courier services application with automated shipment creation, processing 500+ orders daily

## Full Stack Developer Intern | ITSolun

Nov 2021 – Jan 2022

- Developed web application features using PHP/Laravel for core backend functionality supporting 1K+ concurrent users
- Created AdminLTE dashboards with custom Laravel components, improving data visualization efficiency for management teams
- Optimized MySQL database queries through indexing and eager loading, reducing response times by 15%

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## Education & Certifications

### **Professional Certifications:**

- AWS Certified Developer Associate (in progress - expected Mar 2025)
  - High Studies Diploma in Web Development | Ministry of Communications and Technology (2022)
  - Backend Architectures for Modern Applications | ItShare (2023)
  - Complete Full-Stack Web Development Bootcamp | Udemy (2024)
  - Master Laravel 12 & PHP: From Beginner to Advanced | Udemy (2024)
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### **Key Achievements**

- **Cost Optimization:** Reduced cloud infrastructure costs by 25% while maintaining scalability for enterprise applications
  - **System Reliability:** Achieved 40% reduction in post-deployment issues through architectural improvements and code reviews
  - **Performance Enhancement:** Improved application response times by 30% through database optimization and caching strategies
  - **Team Leadership:** Successfully mentored 4+ junior developers with 100% retention rate and accelerated onboarding
  - **Business Impact:** Increased customer retention by 20% through secure payment integration and enhanced user experience
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### **Languages**

**Arabic:** Native

**English:** Professional Proficiency