MOHAMED YASSER EL TAHAN

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Mid-Level / Senior Full Stack Software Engineer

Portofolio : www.el-tahan.com

Professional Summary

Mid-Level Full Stack Software Engineer with 3+ years of professional experience building scalable backend systems and production-ready web applications. Strong expertise in PHP, Laravel, RESTful APIs, SQL, AI integrations, automation workflows, webhooks, and asynchronous processing. Completed Node.js backend training through Route Academy and currently expanding expertise in .NET and C#. Experienced in system design, performance optimization, third-party integrations, and production support.

TECHNICAL SKILLS

- PHP
- Laravel
- Node.js
- Express.js
- RESTful APIs
- MVC
- OOP
- Background Jobs
- Queue Systems
- C#
- .NET
- ASP.NET Core
- Entity Framework Core
- Dependency Injection
- Backend Architecture
- JavaScript (ES6+)
- HTML5
- CSS3
- Responsive UI
- MySQL
- SQL
- Database Design
- Query Optimization
- Indexing
- Elasticsearch
- LLM Integration
- Prompt Engineering
- AI Workflow Pipelines
- AI APIs
- Webhook Automation
- REST APIs
- Webhooks
- WhatsApp Business API
- API Testing
- Git
- GitHub
- Postman
- Linux
- Debugging
- Testing
- Performance Optimization
- Web Scraping

PROFESSIONAL EXPERIENCE

Sprinters AI (Future Group) Sept 2023 to Present

Software Engineer

- Designed and developed scalable backend applications using PHP and Laravel, following OOP, MVC, and maintainable development practices.
- Developed and maintained RESTful APIs for production applications and internal/external service integrations.

Integrated AI/LLM services into production workflows using structured prompt-engineering pipelines and reusable components.

- Designed webhook-driven automation systems, including WhatsApp and third-party platform integrations.

Implemented Elasticsearch for application search and filtering, while optimizing SQL queries, indexes, and data-access logic.

- Developed background workers, queues, and asynchronous jobs for resource-intensive processing and automation workflows.
- Debugged and resolved backend issues through performance analysis and root-cause investigation.
- Collaborated with frontend developers and cross-functional teams to deliver reliable, maintainable, production-ready features.

KEY PROJECTS

Davinci AI Platform

- Developed an AI-powered content generation platform using Laravel and external AI services.
- Designed reusable prompt templates and structured AI workflows.

Integrated external AI APIs into backend services and application workflows.

Sales Agent Automation System

- Developed intelligent AI-based sales automation workflows.

Implemented automated response logic and workflow handling.

Torjoman Platform

- Developed backend components for a translation management platform.

Implemented job-processing workflows for translation and file-handling operations.

Motqan Platform

- Developed an AI-powered translation automation engine.

Implemented AI-driven translation workflows and management functionality.

- Developed dashboard interfaces for managing translation operations.

WebAutoPilot System

- Developed a large-scale SEO automation platform using Laravel.
- Designed database architecture and optimized SQL operations for large datasets.
- Developed web scraping engines and automation workflows.

Integrated AI-powered translation capabilities into the platform.

HirePilot Platform

- Developed recruitment automation workflows using Laravel.

Integrated WhatsApp Business API webhooks for automated communication.

- Built administrative dashboards for managing recruitment workflows.

EDUCATION

Bachelor of Computer & Communications Engineering Jun 2023
Alexandria University, Faculty of Engineering

EARLY PROJECTS

Car Rental System
PHP, Database Management, Backend & Frontend

Online Shopping System
Node.js, MVC Architecture

Restaurant Reservation System
Java Backend Application

PROFESSIONAL TRAINING

Node.js Backend Development, Route Academy

C# / .NET Backend Development

INTERNATIONAL ACHIEVEMENTS

Intel International Science and Engineering Fair 2016, ARIZONA, UNITED STATES OF AMERICA

Intel ISEF Arab Competition 2014, DOHA, QATAR

Intel BASEF Egypt 2013 to 2016

EBS Science & Engineering Fair 2013 to 2016

LANGUAGES

English, French