

# Abdelrahman Mahmoud

Backend Developer

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Backend developer with 2+ years experience building scalable APIs and reliable backend systems. Skilled in Laravel, Node.js, and NestJS, with practical project experience delivering real solutions.

## Experience

### Backend Developer at Corporate Synergy Solutions

August 2025 - Present

- Built and maintained scalable backend for a multi-tenant SaaS platform.
- Integrated AI features and media analysis to improve workflow automation
- Developed secure payment and subscription management systems.

### Full-Stack PHP Developer at TSR Ventures & Solutions

October 2024 - July 2025

- Created a digital asset management platform with media upload and indexing.
- Built reusable backend tools and APIs to streamline development.
- Optimized code quality and improved cross-project consistency.

## Projects

### Inroads — Job Referral Network | NestJS, PostgreSQL, Redis

Job networking platform that turns professional networks into passive income opportunities.

- Built backend to manage users, bounties, and automated LinkedIn connections.
- Implemented queue-based task distribution, credit system, and notifications.
- Developed robust database and webhook infrastructure for workflow automation.

### Digital Workforce Platform | NestJS, MongoDB, Twilio

Business automation backend with voice AI agents and knowledge retrieval.

- Implemented AI pipelines for voice and text automation.
- Built secure multi-user access and task management.
- Supported integrations with telephony and messaging systems.

### Auto Detailing SaaS | Laravel, MySQL, Stripe

Multi-tenant SaaS platform for auto detailing services with photo quoting and scheduling.

- Built backend with real-time scheduling and notifications.
- Integrated secure payment processing and subscription management.
- Supported automated image handling and client workflow.

## Skills

**Languages & Frameworks:** PHP, Laravel, Node.js, NestJS

**Databases & Tools:** PostgreSQL, MySQL, Redis, MongoDB, Docker

**API & Architecture:** REST APIs, Microservices, RBAC, Clean Code Principles

**Cloud & AI:** Google Cloud, Vertex AI, Twilio

## Education

**B.Sc. in Computer Science, Helwan University – Cairo**

September 2020 - June 2024