

# Mohammed Hassan Abdo Software Engineer

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## Profile

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Backend developer with hands-on experience in building scalable APIs and microservices using Laravel and Node.js. Passionate about clean code, documentation, and high-performance systems. Seeking to contribute to fast-paced tech teams.

## Education

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2018 – 2022 **Bachelor Degree in Computer Science**  
Arab Academy for Science, Technology and Maritime Transport Smart village

## Certificate

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- Completing the introduction to Coding & Digital Skills course
- Attended Course Open Source from ITI
- Attending AAST introduction to Cybersecurity Training
- The Complete 2023 Web Development Bootcamp Course
- Full Stack Diploma from Amit Learning
- Suiiz internship 3 months

## Professional Experience

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2025/12 – Present **Software Engineer**  
giza *Grand Notion*

2024/03 – 2025/11 **Junior Backend developer**  
new cairo *Suiiz App*

## Projects

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2024 – present **Suiiz App – Social Media Marketplace (Backend Development)**  
Worked as a backend developer on Suiiz, a social media marketplace application built with a microservices architecture. Developed key services using PHP Laravel (stories and reels) and Node.js (chat functionality). Collaborated with a cross-functional team to integrate multiple frameworks and ensure seamless performance. The application is set to be released soon.

2025 **WoW Marketing agency (Full stack)**  
*Laravel 10, PHP 8.1, Filament 3, MySQL/MariaDB, Blade, Livewire, Laravel Sanctum*

- Developed a comprehensive, bilingual Content Management System (CMS) using **Laravel 10** to manage dynamic content such as posts, projects, and services.
- Implemented a powerful and responsive admin panel with **Filament 3**, providing an intuitive user experience for content management.
- Engineered full **Right-to-Left (RTL) support for Arabic**, ensuring the application is fully localized and accessible for Arabic-speaking users.
- Built a secure and scalable **RESTful API** with **Laravel Sanctum** to deliver content to various clients, with support for language selection via headers.
- Integrated SEO-friendly features, allowing for the management of meta titles and descriptions to improve search engine visibility.

- Utilized modern PHP 8.1 features and followed best practices, including the use of Data Transfer Objects (DTOs) for robust and validated data handling.

2025

### Grand Notion Platform

*Egypt-based creative education platform*

- Developed and maintained the backend of the Grand Notion web platform using Python and the Django framework.
- Designed and implemented RESTful APIs to support course listings, student interactions, and other core functionalities.
- Integrated with the frontend to ensure seamless data flow between client and server.
- Worked with relational databases to manage course data, user profiles, and other application resources.
- Ensured backend stability, performance, and security in a production environment.
- Collaborated with frontend developers and other team members to deliver reliable features and enhancements.

Link : <https://www.grandnotioneg.com/en> ↗

## Technical Skills

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### Basic concepts

Object oriented programming (OOP) , Solid principles and Design Pattern

### Frameworks & Libraries

Laravel,Filament PHP Framework, Node Express (backend),Django Rest Api ,RESTful API Development and JWT Authentication

### Api development Tools

Apidog and Postman

### Task Management & Collaboration

Clickup and Jira

### Authentication & Security

JWT (JSON Web Tokens)

### Testing

API testing and Unit testing in Laravel

### Languages

HTML, CSS, JavaScript, PHP and python

### Databases

MySQL, PostgreSQL, Eloquent ORM, MongoDB

### Version Control

Git, GitHub, Bitbucket

### Web Development

Backend development, MicroServices, Front-end development

### Database Design

Schema design, Relational databases and Query optimization

### API Documentation

Proficient in creating and maintaining API documentation using Swagger.

## Soft Skills

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### Work Under Pressure

Proven ability to deliver quality work under tight deadlines and challenging conditions

### Adaptability

Quickly adapts to new tools, technologies, and processes in dynamic environments

### Time Management

Skilled in prioritizing tasks and managing time effectively to meet project milestones

### Team Collaboration

Strong ability to work with cross-functional teams in both technical and non-technical roles

### Communication

Excellent verbal and written communication skills, ensuring clear documentation and knowledge sharing

## Languages

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- arabic

- English