

# Keroles Masoud Issac

Software Engineer | Backend Engineer

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## PROFILE

Backend Engineer with +3 years of experience building scalable, maintainable backend systems using Node.js (NestJS) and PHP (Laravel, CodeIgniter). Specialized in developing robust APIs, optimizing legacy codebases, and integrating secure payment gateways. Experienced in both monolithic and microservices architectures with a strong understanding of real-time features and search performance optimization. Passionate about clean code, design patterns, and mentoring junior developers while contributing to impactful, cross-industry software projects.

## EDUCATION

- Bachelor's Degree in Computer Science  
Faculty of Computers and Information, Minia University
- Training At ITI

## EXPERIENCE

- **EZZAT MEDICAL EDUCATION** Jan 2025 - Present  
Remote Software Engineer | England
  - Developed and maintained software solutions to support the company's business operations and objectives.
  - Participated in code reviews and contributed to improving system performance, security, and maintainability.[Projects link](#)
- **AI-TAREK IT Solutions** Jul 2022 – Jan 2025  
Remote Software Engineer | Oman
  - Built and maintained REST APIs using Laravel and MySQL to support core business features.
  - Migrated legacy code to modern Laravel practices
  - Integrated secure online payments via Stripe and PayPal for digital products
  - Mentored junior developers on architecture, testing, and Git workflows.[Projects link](#)
- **Freelance** Oct 2020 - Present
  - Independently prospect, acquire, and manage client relationships for freelance projects.
  - Execute projects efficiently and effectively, ensuring high-quality deliverables within agreed-upon deadlines.
  - Continuously refine and enhance skills through self-directed learning and professional development opportunities.[Projects link](#)

## SOFT SKILLS

- Self & Continuous learning ability
- Communication skills
- Good Team Player
- Presentation skills
- Project management
- Time management
- Mentorship & Team Guidance
- Analyzing and Understanding User Requirements

## TECHNICAL SKILLS

- **Backend Development**
  - NodeJs
  - Express.js
  - NestJs
  - JavaScript
  - TypeScript
  - PHP
  - CodeIgniter
  - Laravel
  - WebSocket
  - REST API
  - gRPC
  - Monolithic and Microservices Architecture
  - MVC & HMVC architectural Design Patterns
- **Frontend Development**
  - HTML & CSS
  - Bootstrap
  - JQuery
- **Database Management**
  - MYSQL
  - PostgreSQL
  - SQLite
  - MongoDB
  - Redis
  - ACID Transactions
  - Indexing
  - Partitioning
  - Sharding
  - Fuzzy Search
- **DevOps**
  - Great skills with linux
  - AWS
  - Docker
  - GIT
  - Apache
  - cPanel
- **Testing & Quality**
  - Test Driven Development (TDD)
  - PHPUnit & Jest (JS Unit Testing)
- **Search & Analytics**
  - Elasticsearch
  - Kibana
- **Payment Gateways**
  - Paypal, Revolut, Paytabs, Paymob and Stripe
- **Other Skills**
  - Design Patterns
  - Design Principles like SOLID
  - Agile & Waterfall Methodologies

## LANGUAGES

- Arabic : Mother Language
- English : Very good command both written and spoken