

# NOURHAN RAMADAN HAMADA HAMDA

## Software Engineer

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🌐 Online Version

## PROFESSIONAL SUMMARY

Software Engineer with 6+ years of experience developing and maintaining web applications and e-commerce platforms. Strong expertise in PHP frameworks (Laravel, Yii2, Zend), JavaScript, and database management. Proven ability to integrate third-party APIs, implement real-time communication systems, and optimize application performance.

## WORK EXPERIENCE

Software Engineer | [🌐 TheChefz](#) | *May 2023 - February 2024*

**Real-time Communication Platform** (Yii2, Node.js, MongoDB, Socket.IO, Redis)

- Implemented user registration with MySQL and real-time chat using Socket.IO with TTL-indexed message deletion
- Utilized Redis for queue, caching, and pub/sub messaging; integrated PHP with Socket.IO for message handling
- Developed scalable chat system with infinite scroll and secure authentication flows

**POS Integration Service** (Lumen, MongoDB)

- Led multiple integration projects with major POS systems (FOODICS) and SaaS platforms (DELIVERECT/Otter)
- Developed direct restaurant integrations, including custom API implementations for KUDU
- Researched integration protocols and created comprehensive API documentation for data synchronization

**Portal & Delivery Dashboard** (Yii2, MySQL, AngularJS)

- Built centralized dashboard managing 100+ restaurant operations with real-time data synchronization
- Implemented reCAPTCHA and advanced search functionality with multi-value filtering
- Designed high-performance queue systems for improved operational efficiency

Software Engineer - Intern | [🌐 Bibliotheca Alexandrina](#) | *Jan - May 2023*

**Customer-Dealer Management System** (ASP.NET, SQL Server, C#)

- Developed full-stack solution for product maintenance tracking and customer relationship management
- Implemented business logic layer and designed interactive frontend forms for dealer-customer interactions
- Created comprehensive database schema supporting complex relationship tracking

Software Engineer | [🌐 Rushbrush](#) | *Feb 2019 - Jul 2021*

**E-commerce Platform Development** ([🌐 Rushbrush](#)/[🌐 Hapilin](#) - Magento, jQuery)

- Upgraded Magento 1.9 to 2.3; integrated multiple shipping providers and payment gateways
- Developed custom modules: mobile API, HTML page builder, reward system, reporting tools
- Implemented image optimization through Tinypng API integration and performance enhancements

**Customer Support Platform** (Laravel, Elasticsearch, Ajax)

- Integrated Facebook Messenger webhooks for multi-format messaging (text, image, video)
- Implemented Elasticsearch for efficient ticket management and search capabilities
- Designed dynamic workflow system using event-listener architecture for automated routing

Junior Software Engineer | [🌐 Thiidi Ltd](#) | *Jul 2017 - Jan 2019*

**E-commerce Systems & Integrations** (Laravel, Zend, jQuery, Phalcon)

- **Order Management System:** Developed with eBay API integration for comprehensive order tracking.
- **Catalogue System:** Automated supplier data parsing and enhanced product management.
- **Amazon Marketplace Integration:** Implemented KMEAN clustering for intelligent price recommendations.
- **Virtual Stock System:** Real-time inventory synchronization across multiple platforms.
- **Company Website:** Integrated Stripe payment processing and currency conversion.

**EDUCATION**

Professional Diploma in Open-Source Development | [Information Technology Institute \(ITI\)](#) | 2015-2016

Overall Grade: Good

BSc in Electronic & Communication Engineering | [Alexandria University](#) | 2009-2014

**Graduation Project:** Home Monitor using ARDUINO

- **Technologies:**
  - Hardware: Sensors, RF Wireless Transmitter/Receiver Module & ARDUINO
  - Software: MATLAB Data Processing & GUI
- **Grade:** Distinction

**TECHNICAL EXPERTISE**

**Cloud & E-Commerce Training:**

- [Shopify Mastery Workshop](#) - [E-Cart Academy](#) | Feb-Apr 2025 : 10-week program on store setup, theme customization, marketing, and analytics.
- [AWS re/Start Program](#) - [Sprints Academy](#) | Sep 2024 : 12-week bootcamp covering Linux, Python & AWS services.

**Languages & Frameworks:**

PHP (Laravel, Yii2, Zend) | JavaScript/jQuery | Python (Django) | C++/C# | Ruby (Rails) | Perl | Bash

**Data & Infrastructure:**

MySQL | MongoDB | Redis | Docker | Git/SVN | CI/CD | HTML5/CSS3 | Bootstrap

**Modern Technologies:**

AngularJS | RESTful APIs | GraphQL | TDD | Agile Development | WordPress | AWS Cloud Services

**PROFESSIONAL SKILLS**

**Technical:**

Object-Oriented Programming, API Development & Integration, E-commerce Systems, Cross-platform Compatibility, Real-time Communication Systems

**Personal:**

Time Management, Team Collaboration, Problem-solving, Continuous Self-learning

**Languages:**

English (Good)

**REFERENCES**

Available upon request