

# Mohammed M. Rashed

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Email: marashed@noc.ly

Phone: +218 92 252 5993

## Professional Summary

Experienced Software Engineer with a proven track record in desktop, web, and mobile application development. Skilled in designing and implementing innovative solutions tailored to client needs. Proficient in multiple programming languages and frameworks, with expertise in system integration and database management. A detail-oriented professional passionate about delivering high-quality software and contributing to organizational success.

## Education

- Bachelor's degree in Software Engineering  
Computer Technology College, Tripoli (2016 - 2020).
- High School Certificate  
February Falcons School (2013 - 2016).
- Preparatory Certificate  
Seville School (2010 - 2013)

## Professional Experience

### Head of Smart Applications Department

Information Technology and Information Security Administration – National Oil Corporation  
12/2025 – Present

### Desktop Application Developer

05/2018 – Present

- Designed and implemented custom sales systems for various domains, including an advanced cafeteria management system for model schools. The system seamlessly integrates packaged food sales with café-style sales operations, ensuring comprehensive functionality.  
**Technologies Used:** JAVA, SQL Server
- Developed a robust subscription management system tailored for gym operations, enabling efficient member tracking and billing.  
**Technologies Used:** C#, SQL Server
- Engineered a comprehensive traffic and licensing management system as a capstone project. The system streamlined administrative processes and enhanced operational efficiency.  
**Technologies Used:** API using PHP, JAVA, MySQL

## Web Application Developer

08/2018 – Present

- Developed a sales representative's tracking system for **Bon Al Wali**, enabling performance monitoring and movement analysis.  
**Technologies Used:** Laravel Filament, MySQL
- Developed a platform for qualifying and registering local contractors/tools for the **National Oil Corporation**, supporting registration processes and email communication.  
**Technologies Used:** Laravel Filament, MySQL, SMTP Mail
- Built a student registration system for applicants to the oil institutes of the **National Oil Corporation**, managing applicant data and enrollment processes.  
**Technologies Used:** Laravel Filament, MySQL
- Developed a training programs management system for **the Training Department at the National Oil Corporation**, enabling organization and management of programs and trainees.  
**Technologies Used:** Laravel API, MySQL, Flutter Web, Dart, GetX
- Developed an attendance management tool for the **National Oil Corporation** to track employee check-ins and check-outs, calculate working hours, and generate detailed reports.
- Created a government procurement bidding platform for the **Prime Minister's Office** in collaboration with the **General Information Authority, Almadar**, and other stakeholders.  
**Technologies Used:** Flutter Web, Dart, GetX, Frappe REST API
- Designed a security information management platform for crisis management, integrating various **Ministry of Interior entities**.  
**Technologies Used:** Flutter Web, Dart, Provider State Management, Laravel API, MySQL
- Built an invoice and account management system for **Alfa Health Care**.  
**Technologies Used:** Flutter, Dart, Provider State Management, Laravel API, MySQL

## Mobile Application Developer

10/2019 – Present

- Developed the LPTIC application to streamline passport request processes for the **Telecommunication Holding Company and its affiliates**.  
**Technologies Used:** Flutter, Dart, Laravel API, GetX
- Developed **Ladybug**, a customer loyalty management application that enables offering discounts, managing reward points, and analyzing customer behavior to enhance engagement and increase sales.  
**Technologies Used:** Flutter, Dart, Laravel API, GetX State Management
- Designed and developed a **service exchange platform** for craftsmen, allowing users to exchange services either through service-for-service or service-for-points models within a flexible and scalable system.  
**Technologies Used:** Flutter, Dart, Laravel API, GetX State Management
- Built an **e-commerce application** for cosmetics named **Rose**, providing seamless product browsing, management, and purchasing with enhanced user experience.  
**Technologies Used:** Flutter, Dart, Laravel API, GetX State Management

- Built **Growthly**, a comprehensive restaurant ordering platform.  
**Technologies Used:** Flutter, Dart, Laravel API, GetX State Management
- Designed Firely, a social and competition application for enhanced user engagement.  
**Technologies Used:** Flutter, Dart, Laravel API, GetX
- Created the Negative Certificate application for the **Ministry of Tourism and Traditional Industries**, including a dedicated control panel.  
**Technologies Used:** Flutter, Dart, Laravel API, Provider
- Developed crime statistics and mapping applications for the **Ministry of Interior**, enabling dynamic visualization of data.  
**Technologies Used:** Google Maps, Flutter, Dart, Laravel API, Provider
- Designed a child abuse management system for the **Higher Committee for Childhood**, integrated with GIS Cloud services.  
**Technologies Used:** Flutter, Dart, MySQL, Laravel API, Provider, Google Maps

## Certifications

- ❖ CCNA Routing and Switching: Introduction to Networks
- ❖ Microsoft Power BI
- ❖ Pre Security – TryHackMe

## Skills

- App Development: **Flutter**
- Full Stack Development: **Flutter (Frontend), Laravel (Backend)**
- Backend & Admin Panels Development: **Laravel, Livewire, Filament**
- Database Management: **MySQL, SQL Server, Oracle**
- Tools & Technologies: **Git, GitHub, Google Maps API, GIS Cloud, Third-party Libraries**
- AI Tools & Development Assistants: **Cursor, Claude**, and other AI-powered development tools
- Soft Skills: Problem-solving, **Team Collaboration, Time Management**
- Other Skills: **Agile** Development, **State Management** (Provider, GetX), **System Design**