

# MOHAMED NOUR KHAMMARI

**Full Stack Developer:** .Net / Angular

**Email:** mednour.khl@gmail.com | **Phone:** +216 94 038 928 | **Location:** Sfax, Tunisia (Open to EU relocation)

**LinkedIn:** linkedin.com/in/mohamed-nour-khammari-7ab6141a2 | **GitHub:** github.com/mednour2019

**Portfolio:** prtfnour.vercel.app

---

## PROFESSIONAL SUMMARY

Experienced Full Stack Developer with 4+ years developing scalable web applications using .NET Core, Angular, and cloud technologies. Proven track record delivering SaaS platforms serving 5,000+ users and handling millions of daily transactions. Expertise in GDPR-compliant systems, microservices architecture, and agile methodologies. Seeking opportunities in European tech companies specializing in SaaS, fintech, or healthcare solutions.

---

## TECHNICAL EXPERTISE

**Backend:** .NET Core 6/7/8, C#, ASP.NET Core MVC, Web API, Entity Framework Core, Python, Restful APIs

**Frontend:** Angular 16+, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, Kendo UI, RxJS, NgRx

**Data & Analytics:** SQL Server, PostgreSQL, MongoDB, SSAS, SSIS, Power BI, ETL Pipelines

**Cloud & DevOps:** AWS (EC2, S3, RDS, Elastic Beanstalk), Docker, CI/CD, Git, Load Balancing

**Architecture:** Microservices, Multi-Tenant SaaS, MVVM, Repository Pattern, CQRS

**Testing & Quality:** xUnit, Selenium, Swagger, Postman, SonarQube, Test-Driven Development

---

## PROFESSIONAL EXPERIENCE

**FULL STACK DEVELOPER:** .NET Core, Angular, AWS, Python, Selenium

**March 2025 - Present**

**SMTPING (Email Deliverability SaaS) | Remote, France, Paris**

### Platform Architecture

- Architect development of multi-tenant SaaS platform serving 5,000+ enterprise users across EU markets
- Design cloud infrastructure processing 1M+ daily email validations with 99.95% uptime
- Implement end-to-end GDPR compliance framework including data residency controls and automated privacy workflows
- Optimize SMTP validation throughput by 70% via concurrent processing architecture and residential proxy rotation
- Manage full development lifecycle from requirements gathering to production deployment with zero critical security incidents

## **Data Engineering & Processing**

- Built Python-based data processing pipeline managing 220M+ email records in S3 buckets, implementing alphabetical sharding strategy (A-Z prefix partitioning) reducing lookup complexity from  $O(n)$  to  $O(\log n)$  and query response times by 85%
- Developed real-time caching system using Python Boto3 scripts that store .NET validation results in S3 with alphabetical indexing, enabling sub-second retrieval for repeat queries and reducing API costs by 60%

## **BI ENGINEER | DATA WAREHOUSE ARCHITECT: .NET Core, Angular, SQL Server BI Stack**

**December 2023 – January 2025**

**AREEM NETWORK SERVICES (Enterprise Analytics Platform) | Remote, Gabès, Tunisia**

### **Architecture & Data Engineering**

- Designed end-to-end BI pipeline: dimensional data warehouse (star schema) → OLAP cubes (SSAS) → self-service analytics platform serving Saudi enterprise clients
- Built 15+ subject-specific data marts (sales, marketing, operations) processing 10M+ records using SSIS ETL workflows with incremental load strategies
- Architected multi-dimensional OLAP cubes with MDX optimization reducing query latency by 40% for executive dashboards.
- Implemented on-premise deployment architecture (Proxmox, Windows Server, Ubuntu) ensuring data residency compliance for financial sectors

### **Platform Development & User Experience**

- Developed no-code report builder (Angular, Kendo UI, .NET Core) enabling business users to generate KPI reports via drag-and-drop interface without SQL knowledge
- Integrated ADOMD.NET client for real-time OLAP cube consumption with <2s response times for ad-hoc queries
- Created single-click subject navigation system (sales/marketing/finance) with role-based access controls and automated report distribution
- Built custom measure/metric designer allowing non-technical users to define calculations through visual interface

## **SOFTWARE DEVELOPER | HEALTHCARE SYSTEMS: .NET, C#, Automated Testing**

**November 2022 - October 2023**

**STEROS (Laboratory Information Management System) | Onsite, Sfax, Tunisia**

### **Healthcare Module Development**

- Developed clinical laboratory modules for pathology/diagnostics workflows serving 10+ healthcare facilities in North Africa/Middle East markets
- Built specimen tracking system from collection → analysis → results delivery reducing manual data entry errors by 40%

- Created quality control dashboards for lab technicians to monitor test accuracy and equipment calibration status

### **Quality Assurance & Development Practices**

- Established SonarQube code quality gates achieving 70% technical debt reduction and enforcing OWASP security standards
- Participated in daily bug triage resolving 4+ production defects per day during stabilization phase

## **SOFTWARE DEVELOPER (ACADEMIC INTERNSHIP): .NET MVC, ADOMD, MDX**

**February 2022 - June 2022**

**ACTEOL (Hospitality Analytics Platform) | Onsite, Sfax, Tunisia**

### ***Master's capstone building on Bachelor's OLAP cube generator thesis***

- Developed MDX Query Builder web application enabling 15 marketing account managers to create custom hospitality KPI reports without SQL knowledge
- Built interactive pivot table interface (HTML/JS) connected to Analysis Services cubes, reducing ad-hoc query response times by 40%
- Implemented MVVM architecture with Entity Framework for report management module, eliminating duplicate report storage across departments

## **DATA ENGINEER (ACADEMIC INTERNSHIP): .NET, SSIS, Power BI**

**February 2020 – July 2020**

**ACTEOL (Hospitality Data Warehouse) | Hybrid, Sfax, Tunisia**

### ***Bachelor's thesis: Self-service OLAP cube generator***

- Built Windows desktop application enabling account managers to generate OLAP cubes from CSV data sources without technical expertise, eliminating dependency on SSAS configuration
- Automated ETL pipeline using SSIS to transform raw hospitality data into star schema data marts with integrated Power BI reporting

## **FREELANCE WEB DEVELOPER (PART-TIME)**

**August 2020 - January 2022**

**Remote via Mostaqel Platform**

### **E-Commerce Configuration | Multiple Clients**

- Customized OpenCart storefronts including payment gateway integration, responsive theme implementation, and admin panel configuration for small business clients

---

## EDUCATION

MASTER OF SCIENCE IN COMPUTER SCIENCE & DATA ENGINEERING

September 2020 - September 2022

Faculty of Economic Sciences and Management

Sfax, Tunisia | GPA: 14.83/20

BACHELOR OF SCIENCE IN MANAGEMENT INFORMATION TECHNOLOGY

September 2016 - July 2020

Faculty of Economic Sciences and Management

Sfax, Tunisia | GPA: 12.98/20

---

## CERTIFICATIONS & TRAINING

- Managing Big Data in Clusters and Cloud Storage Coursera | 26, December, 2021
  - Data Visualization and Data Storytelling 4C-FSEG-Sfax | 21, October 2021  
with Power BI
  - Analyzing Big Data with SQL Coursera | 16, June 2021
  - Advanced Communication English Bourguiba Institute Sfax | 05, August 2016
- 

## LANGUAGES

Arabic: Native

French: Advanced - Professional working proficiency

English: Advanced - Business fluent

---

## ADDITIONAL INFORMATION

- Available for immediate relocation to EU countries
- Valid passport ready for visa sponsorship process
- Experience working with international teams across multiple time zones
- Strong understanding of European data privacy regulations (GDPR)
- Open to hybrid or remote work arrangements