



## Contact

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### Address

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## Education

2022 - 2025

**Software Engineering**  
ESPRIT

2019-2022

**Physics & Chemistry**  
**Preparatory Studies**  
IPEIT

## CORE SKILLS

- Resource Management
- Creativity
- Negotiation
- Critical Thinking
- Leadership
- Agile / Scrum
- API Design

## TECHNICAL STACK

- **Languages:** Python, Java, .NET
- **Frameworks:** Django, Spring Boot, Angular
- **Web:** HTML, CSS, JavaScript
- **AI & Data:** ML, DL, Power BI
- **Databases:** SQL
- **Tools:** Linux, UML, FlutterFlow

## Languages

English (B2)

French (B2)

Spanish ( Basic)

# Nidhal Dalhoumi

## Junior Software Engineer – AI & Full-Stack (Django / Angular)

Software Engineer with hands-on experience building ML-enabled web platforms using Django, Angular, and Python. Passionate about AI, real-time systems, and data-driven applications.

## Experience

### End of studies Project – Medico International Services | 2025

#### Web platform using Django , Angular and Deep Learning

- Developed a medical web platform using Django & Angular.
- Implemented real-time communication using WebSockets.
- Integrated YOLO deep learning model to analyze prosthesis images.
- Delivered clinical decision-support features for healthcare professionals.

### IC CANADA –Software Engineering Intern | 2024

#### BI Management Platform – Django & Angular

- Built a business intelligence management application.
- Implemented low-code modules for faster workflow configuration.
- Designed interactive dashboards and advanced filtering system.

### Tunisie Telecom – Customer Support & Network Operations Intern |2023

- Assisted in customer account management and service operations.
- Gained hands-on exposure to telecommunication networks and communication systems.
- Resolved technical and customer-related issues through structured problem-solving approaches.

## Projects

### Colocation & Carpooling Matching Platform – ESPRIT |

#### Spring Boot & Angular

- Designed a platform for housing and ride-sharing matching.
- Developed intelligent matching algorithms to optimize results.
- Implemented security mechanisms and user profile verification.

### Customer center & stock management Platform – ESPRIT |

#### Java & Java FX , Symphony

- Built a desktop application for customer relationship management.
- Implemented stock management and customer center modules.

### Machine Learning Project – DeepFlow Club | 2023

- Developed a machine learning model to predict the optimal injection timing for stray dogs to support rabies prevention programs.

## Leadership & Activities

### DeepFlow Club –Chairman | 2023 – 2024

- Organized and delivered “AI for All”, supervising machine learning workshops for students.
- Led the AI HackFlow 2.0 event at the City of Sciences Tunis, coordinating speakers and participants.

### Tunivisions IPEIT Club – Chairman | 2021 – 2022

- Built and strengthened community engagement through innovative technical events.
- Organized “Road to 5.0”, a conference series combining Industry 5.0, Artificial Intelligence, and Robotics.