



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 , Symfony

- 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.