



4InA Technologie

Leading Energy Management with AI-Driven Solutions

PFE Book

2026

Topics Catalogue



www.4InATechnologie.com





Outline

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03 How to Apply

who we are!

4InA Technologie is a proudly Tunisian startup, founded in 2020 and officially labeled in 2022. We specialize in energy management and optimization, harnessing the power of AI and IoT to provide tailored solutions for businesses.



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PFE Topics



Full
Stack Development



Energy



Artificial Intelligence

Full Stack Development

Topic 1 : Development of an Internal Company ERP

- Development of an internal ERP system to manage the company's activities (inventory, HR, projects, etc.).

Topic 2 : Development of a Web Platform for Infrared Energy Monitoring and Smart Analysis

- Design and develop a complete web platform that connects to the infrared camera system, collects thermal data, displays real-time insights, and provides dashboards for energy efficiency analysis.

Technologies: Flutter – Django

Skills: Full-stack development, UI/UX design with Figma, deployment and system integration



2 Interns



4-6 months



Technoparks Manouba (hybrid)



Artificial Intelligence

Topic : AI Models for Thermal Image Analysis and Intelligent Energy Diagnostics

- Build and train AI algorithms to process infrared images, detect energy losses, classify thermal anomalies, and generate intelligent recommendations for energy optimization

Experience with programming languages (Python/C), AI, data analysis, data visualization, and electronics(is a plus).



1 Intern



4-6 months



Technoparks Manouba (hybrid)



Energy

Topic : Development of an Intelligent Carbon Analysis and Energy Decision Support System

- Design a system for precise CO₂ calculation , interactive CSR dashboards, AI-based anomaly detection, and energy-efficiency recommendations.

Experience in energy , data analysis, AI/ML.



2 Interns



4-6 months



Technoparks Manouba (hybrid)

How to Apply ?

To apply, please send your CV to the email below



contact@4inatechnologie.com

Kindly mention the position you are applying for in the subject line

We look forward to connecting with you soon!

Thank You!



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