

# Nour Thraya

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## Professional Summary

Motivated IT engineer specialized in Business Intelligence, passionate about data analysis, visualization, and data engineering. Currently completing a graduation project, with an engineering degree expected in October 2025. Seeking an opportunity to leverage technical and analytical skills to deliver actionable insights.

## Education

### IT Engineer, Specialization in BI (in progress)

*Sep 2020 – Oct 2025 (expected)*

ESPRIT, Tunis, Tunisia

- Currently undertaking a comprehensive graduation project that integrates practical application of Business Intelligence, web development, and data engineering concepts, as a requirement for the engineering degree.
- 300 ECTS credits (Level 7 CEC) completed
- Key courses: Decision Analysis, Big Data, Data Mining, ERP & CRM, Artificial Intelligence, Deep Learning, Web Development (HTML, CSS, JS, PHP, Angular), Software Architecture, DevOps

## Professional Experience

### Final Year Internship (Graduation Project)

*Feb 2025 – Sept 2025*

Forvis Mazars, Tunis, Tunisia

- Developed a billing and debt collection platform using Angular, Node.js, and MySQL
- Implemented CRUD features, role-based user management, and session handling with cookies
- Automated reminders and email notifications to improve collections efficiency
- Created Power BI dashboards for payment tracking and recovery analysis

### Business Intelligence Intern

*Jun 2024 – Aug 2024*

ODDO BHF, Tunis, Tunisia

- Cleaned, consolidated, and analyzed multi-source datasets using Excel and Power BI
- Designed KPI dashboards and visualizations to support agile management teams
- Presented insights and recommendations to stakeholders

### DevOps Intern

*Mar 2023 – Apr 2023*

VERMEG, Tunis, Tunisia

- Built CI/CD pipelines using GitLab CI, Docker, Maven, and Jenkins
- Automated deployments to reduce manual errors and improve delivery speed

### Consulting Intern

*Jul 2022 – Aug 2022*

Ernst & Young (EY), Tunis, Tunisia

- Assisted on consulting projects, conducted Strategic analysis, and prepared presentations

## Academic Projects

### DevOps Project

*Oct 2024 – Nov 2024*

- Developed backend unit tests with JUnit and Mockito

- Containerized services with Docker Compose
- Implemented monitoring dashboards using Grafana and Prometheus

### **Anomaly Detection with Deep Learning**

*Oct 2024*

- Trained models on the UCSD Anomaly Detection Dataset
- Utilized Python, TensorFlow/Keras, PyTorch, OpenCV, and Matplotlib for video processing and visualization

### **CRM Dynamics Optimization**

*Oct 2024*

- Customized JavaScript workflows in CRM Dynamics 365
- Developed Power BI dashboards for tracking business process flows

### **Human Resources Business Intelligence Project**

*Jan 2024 – Oct 2024*

- Data cleaning, analysis, and modeling
- Built integrated dashboards combining Angular frontend and Power BI
- Incorporated predictive machine learning models

### **Cross-platform Event Management Application**

*Jan 2023 – May 2023*

- Developed Web, Mobile, and Desktop versions using Java, JavaFX, Symphony, Codename One, and MySQL

## **Technical Skills**

- **Programming Languages:** Python, Java, JavaScript/TypeScript, SQL, R, PHP, C, C++
- **Data and BI:** Power BI, Power Query, Data Analytics, Data Mining, ETL, Data Storytelling, Machine Learning, SSIS, SSAS, Talend, MSSQL.
- **Web and Development:** Angular, Node.js, Spring Boot, HTML, CSS, Docker, Git, Jenkins
- **Databases:** MySQL, Oracle
- **Systems:** Linux, CI/CD pipelines, DevOps practices

## **Languages**

French: C1 - Advanced (spoken and written)  
 Arabic: Native (C2 - fluent spoken and written)  
 English: C1 - Advanced (spoken and written)