

Nour Thraya

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Professional Summary

Motivated IT engineer specialized in Business Intelligence, passionate about data analysis, visualization, and web development. Currently completing a graduation project and expected to obtain my engineering degree in September 2025. Experienced in building dashboards, managing data workflows, and automating billing processes. Seeking an opportunity to leverage technical and analytical skills to deliver actionable insights.

Education

Engineer in Computer Science (in progress)

Sep 2020 – Sep 2025 (expected)

ESPRIT, Tunis, Tunisia

- Currently completing final year project (PFE) as part of graduation requirements
- 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 – Present

Forvis Mazars, Tunis, Tunisia

- Ongoing graduation project as part of engineering degree (expected Sep 2025)
- 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 analyses, 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)
 Spanish: Beginner (A1/A2)