

Tarek Messaoudi

Full Stack Developer

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Education

IMT Lille-Douai




2012 - 2017

Software engineer major // with a foreign semester in South Korea at Chugnam National Univ.
Internship at Capgemini, GFI, Alliance Française Limassol, Lille 2 University, Norauto

Technical Skills

Programming Languages:  TypeScript,  JavaScript,  Python,  Java

Frontend Development:  React,  Tailwind CSS,  Remix

Backend Development :  NodeJs,  Deno,  FastApi,  Spring

Database :  PostgreSQL,  SQLite,  MongoDB,  REDIS

Other Technologies:  Docker,  Kubernetes,  Git,  Linux

Work Experience

Full Stack Developer

2020 - Present

Qynapse // A healthcare technology company specializing in neuroimaging and AI

Qyscore Web App:  /  /  /  /  / 



- Built a new viewer structure with Cornerstone and React Admin.
- Integrated Cypress for end-to-end testing.
- Optimized the cache and memory usage mechanism.

Report:  / 

- Improved PDF generation with Puppeteer and enhanced testing procedures.
- Reworked the PDF generation process.
- Implemented internationalization with .pot files.

DIMSE Agent:  / 

- Maintained the DIMSE agent for efficient and secure data ingestion.





Libraries:  / 

- Created a normative library for percentiles and z-scores.
- Developed microservices for mesh and slice operations.

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2017 - 2020

Alter Solutions // A consulting and IT services company

IRT System X:  /  /  /  Central Dashboard promoting research project webservises

- Develop the whole application from scratch.

SFR Altice Group:  /  /  /  Brand-new customer service web app

- Refactor the whole custom CRM with new technologies and architecture.
- Added core feature (Mail/SMS notification, Tray system, ...) .

Thalès:  /  /  Local web app displaying military data from Excel file

- Create a user-friendly tool for data vizualizing inventory file (.xlsx).

PSA:  /  Online tool to parse automobile file format (.a2l and .hex, .ulp)

- Set up a backend service for parsing efficiently raw data files.

Projects & Rewards

LOM ([GitHub](#)) - Browser strategy game.

"Entreprise du Futur" Reward ([Site](#)) - By Thalès, from Challenge Entreprendre.