



FEDI ABDOULI

SOFTWARE ENGINEER

PERSONAL PROFILE

Highly skilled Backend Software Engineer with a passion for crafting well-designed, high-quality software solutions. Proven ability to translate complex requirements into efficient and scalable backend systems.

AREAS OF EXPERTISE

- ✓ Software engineering
- ✓ Project management

REACH ME AT

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MY SKILLS

Work

Golang - JavaScript / Typescript - Node.js - Python
PostgreSQL - MongoDB - Redis
React - NextJs - Express - GraphQL - NestJs
Docker - Linux

Language

🇬🇧 English - 🇫🇷 French - 🇩🇪 German - 🇸🇩 Arabic

ACADEMIC HISTORY

- 2023 - software engineering student at SESAME
- 2022 - Computer science master's degree student - ISIM Monastir
- 2019 - 2022 Computer science student - ISIM Monastir

OTHER EXPERIENCES

- Nuit d'info 2022 viva la dataviz challenge by Nagarro winner - Scream team ISITCOM
- ARSII AI night challenge hackathon winner: Data extraction from invoices using computer vision MARCH 2022

WORK EXPERIENCES

- IT Manager | OPUS LAB | October 2024 - Present
- Project Manager | OPUS LAB | February 2024 - Present
 - Led a team of developers and UI/UX designers in the successful delivery of high-quality software projects on time.
 - Managed project scope, timelines, and resources to ensure project goals were achieved.
- Full Stack JavaScript Developer | OPUS LAB | February 2022 - Present
 - Developed and maintained front-end user interfaces using React and Next.js, focusing on clean code, performance optimization, and user experience.
 - Built robust and scalable back-end APIs using NestJS and TypeScript, ensuring data integrity and efficient communication between the front-end and the back end.
 - Utilized various databases (PostgreSQL, MongoDB, and Redis) to store, manage, and retrieve data efficiently.
 - Automated deployments to AWS for efficient and reliable releases.
 - Collaborated with designers to translate UI/UX mockups into functional and responsive web applications.
 - Conducted unit and integration testing to ensure code quality and application stability.
- React.js Instructor | OPUS LAB | September 2023 - Present
 - Developed and delivered a comprehensive React.js curriculum tailored to the needs of students with diverse technical backgrounds.
 - Utilized creative and interactive teaching methods to foster a strong understanding of React concepts and best practices.
 - Provided individualized guidance and support to ensure student success in mastering React development.
 - Evaluated student progress through assignments and projects, offering constructive feedback for improvement.

PROJECTS

- Project management tool
 - This project(AgileX) consists of creating a task and project management tool. It allows users to create, assign, track, and manage tasks and projects.
 - Used technologies: dotnet core web API, ReactJs, Docker, AWS, PostgreSQL, Redis, and Entity framework
- Opus e-learning platform
 - Opus is an e-learning platform that focuses on active learning which gives students control compared to limiting their role to being passive receivers of information.
 - Used technologies: MERN stack, AWS, and Python
- Pharmap
 - Clients don't easily find the medications that they need resulting in a waste of time. This app helps the user to find a nearby pharmacy that contains the medicine they are looking for.
 - Used technologies: Flutter and Firebase
- Reddit crawler
 - I'm crawling the Reddit website, and I want to store them in a database. I used techniques related to web scraping(IP Rotation, Real user-agent, other Request Headers, Random intervals in between requests, and a referrer).
 - Used technologies: Docker, PostgreSQL, Requests, selenium and BeautifulSoup
- Musixmatch database
 - Scrape all musixmatch songs' lyrics and their translations and store them in a PostgreSQL database.
 - Used technologies: Docker, PostgreSQL, selenium and BeautifulSoup