

NAJMEDDINE JARRAY

Full Stack Developer

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PROFILE

I am a Full-Stack developer with expertise in web and mobile development. I have worked with various companies and as a freelancer, mastering technologies like Angular, Flutter, Node.js, Nest.js and Flask. I also have experience in Machine Learning, MySQL and PostgreSQL databases, as well as DevOps tools like Git and Docker, Docker-compose. I am passionate about development, and I enjoy collaborating closely with the team to deliver high-quality solutions.

EXPERIENCE

Full Stack Developer | Internship PFE

Pristini Knowledge Group @APICEM

📅 February 2023 – June 2023

📍 Sousse, Tunisia

Design and development of a virtual assistant chatbot for emergency situations.

- **Achievements:** Evolved the chatbot that provides precise and immediate guidance during critical incidents, which enhanced response accuracy by 35% and optimized user trust.
- **Technologies:** Flutter | Flask | Rasa | NLP | ML | PostgreSQL.

Full Stack Developer | Summer Internship

EURO TECH CONSEIL

📅 June 2022 – July 2022

📍 Kairouan, Tunisia

Design and development of an electronic document signing platform.

- **Achievements:** Designed and launched the platform, facilitating digital document signing, which streamlined legal processes and increased efficiency by 40%.
- **Technologies:** Angular | Node.js | Express | Sequelize | MySQL

CERTIFICATES

- Scrum Certification
- Data Science & Machine Learning
- Flutter Advanced & Clean Architecture
- Angular Certification
- Node.js Certification
- JavaScript Certification
- SQL Certification

EDUCATION

Master in data science

Higher Institute of Applied Sciences and Technology of Kairouan

📅 September 2023 – Present

Bachelor's computer systems engineering

Higher Institute of Applied Mathematics and Computer Science of Kairouan

📅 September 2020 - June 2023

Specialization: Embedded Systems and IoT

Baccalaureate in Experimental Sciences

High school AL Aghlabid, Kairouan

📅 September 2015 - June 2020

SKILLS

- Frontend: Flutter, Angular, HTML, CSS
- Backend: Node.js, Express, Sequelize, Nest.js, Flask, Spring Boot
- Methodology: Scrum
- Databases: MySQL, PostgreSQL, MongoDB
- DevOps: Git, Docker, Docker Compose
- AI: Machine Learning, Deep Learning, NLP
- Soft Skills: Communication, Leadership, Motivation, Coordination, Adaptability, Teamwork, Problem-Solving, Time and Stress Management
- Programming Languages: JavaScript, TypeScript, Java, Python, Dart

LANGUAGES

- Arabe: C2
- French: A2
- English: A2

INTERESTS

- Artificial Intelligence - Machine Learning - Deep Learning
- Software Development

PROJECTS

Mobile Application Development for Managing Bus Lines and Stations with QR Code Payment.

Mobile & Backend Developer | Express.js Developer | Database-Driven Developer.

May 2024 – July 2024

- **Achievements:** Managed 20+ bus lines and 10+ stations, implemented QR code payment, increasing payment efficiency by 50%, and designed a user interface that boosted user satisfaction.
- **Technologies:** Flutter | MVC pattern | Node.js | Express | Sequelize | PostgreSQL

Mobile Application Development for Insurance Services for FTUSA Tunisian Federation of Insurance Companies.

Mobile Developer | API Integration Developer | Lead Developer

March 2024 – June 2024

- **Achievements:** Supervised in insurance policies, optimized claims tracking to reduce processing time by 40% and integrated real-time notifications, improving customer engagement.
- **Technologies:** Flutter | Firebase | API | MVC Pattern

Mobile Application Development for Managing Agricultural Services

Mobile Application Developer | Node.js Developer

December 2023 – February 2024

- **Achievements:** Directed the management of 10+ tractors and equipment, refined client and driver management, leading to a 70% efficiency increase, and implemented usage tracking and invoicing that reduced operational costs.
- **Technologies:** Flutter | GetX | Node.js | Express | Sequelize | PostgreSQL

Mobile Application Development for Home Services.

Flutter Developer | Nest.js Developer | Backend Developer

September 2023 – December 2023

- **Achievements:** Administered booking, modification and cancellation for 15+ home services, manage 25+ service providers, and integrate online payment system which will result in 35% increase in transactions.
- **Technologies:** Flutter | NodeJS | NestJS | MVC Pattern | PostgreSQL

Development of an X-Ray Image Classification Platform for COVID-19.

Web Developer | Angular Developer | Python Developer

June 2023 – September 2023

- **Achievements:** supervised the collection and preparation of 10,000+ X-ray images, achieving a 97% model accuracy, and constructed an intuitive UI integrating classification features.
- **Technologies:** Angular | Angular-Material | Flask | Machine Learning | Deep Learning | PostgreSQL

Development of a Control and IoT Application for Monitoring a Smart Agricultural System

IoT Systems Developer | Frontend Developer | Flutter Developer

October 2022 – December 2022

- **Achievement:** Managed 10+ sensors and actuators, augmented data collection by 30%, integrated IoT devices including 2 Raspberry Pi, and built UI/UX design, increasing user engagement by 25%.
- **Technologies:** Angular | Flutter | Flask | Raspberry PI | PostgreSQL