NAJMEDDINE JARRAY

Full Stack Developer

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PROFILE

Full-Stack Developer with expertise in web and mobile development. Experienced in working with various companies and freelancing, mastering technologies such as Angular, Flutter, Node.js, Nest.js, and Flask. Proficient in Machine Learning, MySQL, PostgreSQL databases, and DevOps tools like Git and Docker, Docker-compose. Passionate about development and skilled in collaborating closely with teams to deliver high-quality solutions.

EXPERIENCE

Full Stack Developer | Internship PFE

Pristini Knowledge Group @APICEM

📅 February 2023 – June 2023   📍 Sousse, Tunisia

Design and development a Mobile Application 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 | Scrum Study**
- **Data Science & Machine Learning | Udemy**
- **Angular Certification | Hacker Rank**
- **Node.js Certification | Hacker Rank**
- **JavaScript Certification | Hacker Rank**
- **SQL Certification | Hacker Rank**

EDUCATION

Master's 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 Agile
- **Databases**: SQL, NoSQL
- **DevOps**: Git, Docker, Docker Compose
- **AI**: Machine Learning, Deep Learning, NLP
- **Programming Languages**: JavaScript, Type Script, Java, Python, Dart
- **Soft Skills**: Communication, Leadership, Motivation, Coordination, Adaptability, Teamwork, Problem-Solving, interpersonal

LANGUAGES

- Arabe: C2
- Frensh: A2
- English: A2

INTERESTS

- Artificial Intelligence - Machine 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