

Wajdi MNASRI

Software Engineer

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An aspiring **Full Stack Developer and Data Scientist** with more than 2 years of hands-on experience in developing creative web applications. Developed and deployed interactive web applications using the **MERN stack**. Besides, I have also been involved in **data science and computer vision** projects. My diverse skill set spans both web development and data-driven solutions, allowing me to contribute to a wide range of projects. Currently, as an **engineering student**, I aim to further my career in web development and data science .

WORK EXPERIENCE

Womia , Sousse

Data Scientist

07/2024-Present

- Built ArtFun Plus Report, a desktop app integrating with the ARTFUN+ application to retrieve CSV files containing heart IRM (Magnetic Resonance Imaging) data.
- Cleaned and processed data to improve precision, quality, and final output.
- Designed a custom database schema for optimal data retrieval.
- Generated a comprehensive folder with detailed reports on all studies as the final output.

Technical Environment:

- Python, pandas, numpy, Jupyter, Bitbucket

Development Methodologies:

- Agile

SMART WMN , Sousse

Full Stack Developer

08/2022-Present

- Contributed as a front-end developer on XQual, a test management web application, at SMARTWM.
- Developed features using jQuery widgets.
- Built a Node.js proxy to facilitate local test environment usage.

Technical Environment:

- JavaScript, jQuery, Express.js, Monaco Editor, Bootstrap, Git

Development Methodologies:

- Scrum

Smart Team Group, Tunis

Full Stack Developer

02/2022-07/2022

- Created an intelligent interactive component for data imports, addressing challenges during the initial import phase in business support software solutions.
- Integrated heterogeneous data from other software or Excel files into the new solution, handling both syntactic (encoding, postcode format, address, telephone number format) and semantic issues (deduplication, spelling errors, matching with reference data).
- Implemented syntax checking and managed the import workflow.
- Created user interaction using a JS spreadsheet (Treegrid) as the interface.

Technical Environment:

- React.js, Express.js, Node.js, TreeGrid, OpenRefine, Git, Docker

Development Methodologies:

- Scrum

RIATICA , Tunis

Mobile developer

07/2021-08/2021

- MoTv, a mobile app for tracking movies and series, using React Native.
- Designed and implemented the backend with Express.js and Firebase to ensure seamless data management and user experience.

Technical Environment:

- React Native, Express.js, Node.js, Expo, Firebase, JWT, MongoDB, Git

Development Methodologies:

- Scrum

EDUCATION

Engineering Degree in Teleinformatics, 2022 - 2025

ISITCOM ,Sousse Tunisia

License in Web Development and Multimedia, 2019 - 2022

ISSET ,Sidi Bouzid Tunisia

SKILLS

- | | | |
|-------------------|-------------|--------------------------------|
| • Python | JavaScript | Docker |
| • Data Science | MERN stack | Git |
| • Deep Learning | ReactNative | Lunix |
| • Computer Vision | MongoDB | Collaboration and teamwork |
| • NodeJS | SQL | Flexibility and Quick Learning |

LANGUAGES

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|-----------|--------|--------|
| • English | French | Arabic |
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