

# Abdessadeq Mahdaoui

## Software engineer

Software Developer with 5+ years of experience working with JavaScript, typescript, react ecosystem, and nodejs . I am passionate about building engaging web applications, contributing to a collaborative work environment, problem solving, and expanding my knowledge and expertise.



### EXPERIENCE

#### Akorbi RunMyProcess, Remote — Senior frontend developer

May 2021 - Present

Major contribution to the development of low-code / no-code platform using reactjs ecosystem :

- Coordinate with PM about sprints, milestones, and sealing the scope
  - Investigate and maintain support issues (customers and delivery team)
  - Reduce the loading time by 40% using code splitting, and bundle analysis.
  - Study and implement complex widgets (Array, Report, Panel widgets)
  - Scanning code regularly and code review (npm audit)
  - Manage Errors and fault tolerance (React error boundaries)
  - Enhance rendering perfs of Array widgets by 50% (React-virtualized)
  - Customize Web interfaces using JS (APIs) and CSS files uploaded by customers
  - Integration and End-to-End tests using TestCafe
- **Tools & technologies:** React, JS/TS, REST, Mobx State Tree, Material UI, React-i18next, Rxjs, Immutable JS, React-virtuoso, testCafe.
- **References:** [RunMyProcess platform](#), [WIRE APIs](#)

#### Fujitsu RunMyProcess, Remote — Frontend engineer

December 2019 - April 2021

- Conception of WIRE (Web Interface Rendering Engine) application, and start development based on the POC outcomes and PM/PMO feedback.
  - Setting up test configuration (Unit test, es-lint, prettier,...)
  - Include unit-test and building project bundles process in the CI-CD pipeline (GitLab)
  - Implement WIRE components and new requirements/feedback of PM/QA/delivery team after intermediate releases
- **Tools & technologies:** React, Javascript, REST, Mobx, Material UI, Jest, react-testing-library, webpack.
- **References:** [RunMyProcess platform](#), [WIRE APIs](#)

### CONTACT

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[https://medium.com/@sadek\\_mahdo](https://medium.com/@sadek_mahdo)

### SKILLS

Javascript  
Typescript  
Reactjs  
Nextjs  
NodeJs  
MySQL  
Git  
Jest, react- testing

### E-LEARNING

- Udacity : frontend dev
- JS test : Testing Javascript with Kent C Dodds.
- PortSwigger : Web Security courses

### LANGUAGES

- Arabe : native
- English : professional
- French : professional

## SanadTech, Remote — Software engineer

May 2019 - November 2019

- Audit code, scanning dependencies and code (SAST & DAST) for security vulnerabilities.
- Integrate audit process in the CI pipeline and notify the team through Slack in case the pipeline fails ( High or Critical severity found)
- Manage false positive findings.
- Create VS code extension to highlight the findings generated by SAST scan
  - **Tools & technologies:** Python, Bash, Slack webhooks, CI-CD, npm-audit, Semgrep, Owasp ZAP,
  - **References:** [Gondemand](#)

## SanadTech — Backend developer (nodejs)

October 2018 - May 2019

- Contribute to the development of the backend of GonDemand, a food delivery application.
  - **Tools & technologies:** Nodejs, Typescript, Expressjs, Mongodb, Firebase, Google-api
  - **References:** [Gondemand](#)

## Advancio Inc, Casablanca — Software engineer

July 2017 - September 2018

- Frontend Implementation of insurance payment solution application using APIs methods provided by NLR services (payment gateway system)
  - **Tools & technologies:** React, React-Redux, ES6 MaterialUI, Axios, React-intel.
  - **Client:** POC for Alliance United (Auto Insurance Corporation - USA)
  - **References:** [Three Step Redirect API](#)
- Design and contribute to the creation of a web application that manages invoices, users, customers, and checks the unpaid periods of customers using web scraping.
  - **Tools & technologies:** Python Django, Selenium, BeautifulSoup, Bootstrap.
  - **Client:** Accounting firm, Casablanca

## EDUCATION

### ENSIAS, Rabat — Master ingenierie informatique

2014 - 2016

### FS Ain chock, Casablanca — Master 1 Ingénierie Informatique et Internet.

2013 - 2014

### Sciences and technologies Faculty, Errachidia — License “MIP”

2010 - 2013

## PROJECTS & POSTS

### **React-mui-filter** — *Node Js Module, [NPM Link](#)*

A react component facilitates filtering data, based on the filter the user picks.

### **Security testing NodeJs App** — *Article, GitLab repo, [Article link](#)*

Approach for security testing node.js applications and integrating it into CI/CD pipeline Gitlab

### **Objects and immutability, some useful Javascript methods**— *Article, [Article link](#)*

Some useful newly introduced methods to the Javascript code-base

### **How to periodically send requests using RxJs**— *Article, [Article link](#)*

A Guide to using reactive programming to manage repetitive requests (pending data,...)

## E-Learning

**Udacity, Online**— *Frontend web developer*

**JS testing, Online**— *Testing Javascript with Kent C Dodds.*

**PortSwigger Academy, Online**— *Web Security Training.*