

# Haitham Hachicha

Software Engineer

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## Work Experience

July 2021 – **Software Engineer**, *Habemus! Solutions*, Sfax, Web Solutions developer

- Present
  - Developing cross-platform mobile applications capable of performing various functionalities and exploiting mobile's native features
  - Setting and Configuring of different Azure cloud functionalities(e.g., Azure API management, IoT edge, azure functions, V-nets...)
  - Solutions are developed within the IoT field of practice, as they are bound to interact with one or multiple devices in a variety of ways
  - Evaluating and Choosing the adequate technical stack for a given project, the proper development approach (Design pattern, architecture, and state management tools and techniques)
  - Analyzing and drafting project management requirements
  - Estimating and evaluating needed time and effort

*Key-words: Flutter, React, Ionic, dart, JavaScript, Python, Unit Testing, Restful APIs, Serverless, Azure, Iot, Android, Ios, Desktop, Agile/scrum, Jira*

Oct 2019 – **Junior Software Engineer**, *Fogits Solutions*, Sfax, Full-Stack Web developer

- June 2021
  - Gathering business requirements and Translating them into dynamic and responsive web solutions
  - Building applications to serve as management tools for the clients, as they offer the means to help with accounting, quality norms implementation, project management...
  - The stack covers the front-end using ReactJs and the back end using Odoo framework to build restful APIs and for data storage and manipulation

*Key-words: ReactJs, Odoo, JavaScript, Python, Xml, Redux, Restful API, ERP, PostgreSQL, Docker*

Feb 2019 – **Engineering end of studies internship**, *Fogits Solutions*, Sfax

June 2019 Design and develop a chatbot in the healthcare field

- Chatbot is based on artificial intelligence and more precisely deep learning
- Pretreatment of the text type dataset using the techniques of "NLP" and based on the Word2vec and Seq2Seq methods
- Use of the Encoder / Decoder architecture for the Machine learning model, which was based on LSTM recurrent neural networks

*Key-words: Keras, Tensorflow, Nltk, Pandas, Python*

## Education

Sep 2016 – **International Institute of Technology (IIT)**, *Engineering degree in Telecommunications*  
July 2019

Sep 2012 – **National School of Electronics and Telecoms of Sfax (Enet'com)**, *Bachelor degree in Telecommunications*  
June 2016

Sep 2008 – **15 Novembre 1955 Highschool**, *Bacclaireat Certificate Science*  
June 2012

## Projects

March 2021 – **Personal Projects**

- June 2021
- Developing a web application that acts as an e-commerce platform
  - Application built using ReactJs for the front-end and Django for the backend
- Key-words: ReactJs, Django, JavaScript, Python, Restful APIs, Sqlite*

## Skills and Abilities

Programming React, Flutter, Ionic, Django, Odoo, Python, JavaScript, typescript, Dart, Html, css  
OS Windows, linux  
Tools GIT, Jira, Odoo, Azure cloud

## Languages

Arabic Mother Tongue  
English Fluent in writing, speaking and reading  
French Fluent in writing and reading

## Center of Interest

Sports  
Writing  
Video games