

# WELFI KHARROUBI

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## EDUCATION

<b>EL MANAR Preparatory School</b> Specialization in Maths and physics	2017-2019
<b>ESPRIT Hight School Of Engineering</b> Computer Science Engineering Degree Specialization in front-end development and Data Science	2019-2022

## EXPERIENCE

<b>Penguin</b> <i>Full-Stack Developer</i>	London, United Kingdom 2022 - Present
<ul style="list-style-type: none"><li>Assisted in the development of a web-based language learning platform similar to Google Meet</li><li>Assisted in the development the platform using React, Next.js, and Redux, and integrated key features such as recordings and streaming.</li><li>Assisted in the back-end services development in Python and integrated GCP services such as Vertex-AI and CloudRun.</li><li>Developed and deployed Machine Learning models to help analyse students speaking and writing skills and correct their mistakes.</li><li>Layed an infrastructure on AWS to facilitate AI models consumption with Amazon Sage Maker.</li></ul>	
<b>Rayca Precision</b> <i>Data Scientist</i>	London, United Kingdom 2021-2022
<ul style="list-style-type: none"><li>Analysed cancer patients data in R and python and provided a full summary for each patient.</li><li>Created Machine Learning models to predict time of treatment and survival chances for cancer patients.</li><li>Developed a web platform to help doctors use their data and get predictions without having to go through code in React.</li></ul>	
<b>BFPME</b> <i>Junior Full-Stack Developer</i>	Ariana, Tunisia 2020-2021
<ul style="list-style-type: none"><li>Assisted in the creation of the company's statistical dashboard in Python and Django.</li><li>Created a Machine Learning model to predict fraud.</li></ul>	

## PROJECTS

<b>Language Learning Platform</b> <i>ispeak2.com</i>
<ul style="list-style-type: none"><li>A language learning platform that uses AI to help students achieve better speaking and writing skills in multiple languages.</li></ul>
<b>TV Shows streaming platform</b> <i>github.com/welfi/tv-shows-app</i>
<ul style="list-style-type: none"><li>A tunisian clone of netflix (React+Node) (Auth, use TMDB Api to collect movie data, scrape best sources for each media).</li></ul>
<b>Car sales platform</b>
<ul style="list-style-type: none"><li>A car sales platform that uses React and tailwind-css for its front-end and Python prediction models for price changes.</li></ul>

## SKILLS

- Languages :** JavaScript (ES6), TypeScript, HTML, CSS, SQL, Python, R.
- Libraries and Frameworks :** React, Next.js, Flask, Postgres, SQLAlchemy, Tensorflow.
- Tools and Platforms :** Git, Vercel, AWS, GCP.
- Spoken Languages :** English, French, Arabic.