

# Raed BOUAFIF

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📍 Kélibia, Nabeul

🌐 /RaedBouaif



## Education

### Licence Degree in Computer Science

The Higher Institute of Information Technologies and Communication  
Diploma with a Three-Year License

Sep. 2020 – Jun 2023

ISTIC, Borj Cedria, TN

### Baccalaureate Degree in Computer Science

Abdelaziz Khouja Kelibia

2019-2020

Nabeul, TN

## Work Experience

### Internships

#### PFE Internship-Full stack JS Project(ReactJs,NodeJs)

Jan.2023 – May.2023

Company: Telecom for future

Project: Platform for school management, "Education Progress"

Borj cedria, Ben Arous

- Developed dashboard interfaces for admins and teachers using **ReactJs**.
- Implemented **Redux** for managing and centralizing our states.
- Developed the backend using **NodeJs** and implemented the **MVC** architecture.
- Implemented JSON Web Token (**JWT**) secured with **httpOnly Cookie** to encounter attacks such as (**CSRF,XSS**).
- Implemented the **react-i18next** library to make the platform multilanguage.
- Created Database using **MongoDB**.
- Implemented IOT Module, using **RFID** Technology (Radio Frequency Identification) to automate the absence/presence system.

#### Full stack JavaScript Developer Intern (NodeJs,Angular)

Jul.2022 – Aug.2022

Société Distribution Articles Quincaillerie Sanitaire (SDAQS)

Kelibia, Nabeul

- Conceptualized the database model following the **Microservice architecture**.
- Developed every microservice for the backend using **NodeJs** (providing Restful APIs).
- Virtualised microservices using docker and jenkins for deployments (**DevOps**).
- Developed admin interfaces using **AngularJs**.
- Created Database using **MongoDb**.
- Used **AWS Storage** (amazon provider) to upload files and upgrade Database.

## Projects

### MyJewerly

10.Jun – 10.Jul

E-commerce project based on DropShipping.

Freelance

- Developed user interfaces using **ReactJs** and **Tailwind CSS**.
- Consumed KNAWAT (**DropShipping** company) Restful APIs.
- Developed the backend using **PHP**.
- Implemented JSON Web Token (**JWT**) for security purposes.
- Used **PHP Mailer** for Authentication and Notification.
- Integrated **Paypal** payment.
- Created Database using **MySQL**.

## Personal Projects

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### Yenjah.Tn

Hardware Review Platform where User can publish a product or give feedback | **Angular, PHP**

- Developed user interfaces using **AngularJs** and Styled with **Tailwind CSS**.
- Developed the Backend using **PHP**.
- Implemented JSON Web Token (**JWT**) for security purposes.
- Created Database using **MySQL**.

### Secrito (Unfinished)

Real-Time Chat Application based on WebSocket | **Full stack JavaScript (ReactJs,NodeJs)**

- Developed Chat interface using **ReactJs** and Styled with **Tailwind CSS**.
- Developed the Backend using **NodeJs/ExpressJs**.
- Used **Socket.IO** for realtime communication.
- Implemented JSON Web Token (**JWT**).
- Created Database using **MongoDB**.
- Developed and Integrated a **Deep Learning** algorithm that detects unsuitable files.

## Skills

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**Programming Languages:** Python, Java, JavaScript, C, PHP

**Web Development:** HTML5, CSS(Tailwind,Bootstrap), Angular, React, Redux, NodeJS, Laravel

**Mobile Development:** React Native

**Databases:** MySQL, SQL, MongoDB

**DevOps :** Docker, (CI/CD) pipeline Jenkins

**Operating System:** Windows, Linux, Ubuntu

**IoT tools:** Node-Red, Mosquitto, Arduino IDE, RFID Technology

**Code Management Software:** Git, GitHub, GitLab

**Software Tools:** Visual Studio Code, Sublime, Eclipse, Anaconda(AI, ML)

## Honors and Awards

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**IBM**

2022

Big Data Engineer - Mastrey Award

**Cisco CCNA**

2021

Preparation course for Cisco CCNA Certification

## Social Experience

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**Universe Club ISTIC**

Oct.2020 - Jan.2021

Active Member at Event Managment Department

## Languages

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**Arabic** (Native)

**French** (Moderate)

**English** (Professional)