

# Ahmed ZRAFI

## Webmaster

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**Open for:** Remote & on site offers

## Bio

Curious, rigorous and autonomous, I'm a computer science engineer by title, an innovative & optimized solutions seeker by occupation, and a lifelong learner by character.

## Work Experience

### WebMaster @ ACG CYBERSECURITY – PARIS

**ACG CyberAcademy – Web App** / April 2023 – Now

#### Description:

Design, modeling, development & deployment of a custom Learning Management System for the training and certification center ACG CyberAcademy.

#### Technologies:

HTML5, CSS3, TS (ES6+), Angular, TailwindCss, daisyUI, Expressjs, Nest.js, Node.js, MongoDB, redis, Socket.io, Nodemailer, nginx, jsonwebtoken, NX dev Tool, Git, Husky, MS Azure Devops, Open Edx.

### MEAN Stack Developer @ SINE SMART SOLUTIONS – SFAX

**I'TRI & ZONATRI – Web & Mobile Apps** / Sep 2022 – Mars 2023

#### Description:

Design, modeling, development & deployment of a real time, cross-platform IOT ecosystem striving for environment protection & waste/trash valorisation through recycling.

#### Technologies:

HTML5, CSS3, TS (ES6+), Angular, TailwindCss, daisyUI, Expressjs, Nest.js, Node.js, MongoDB, redis, Socket.io, Nodemailer, jsonwebtoken, NX dev Tool, Git, Husky, GitHub, Docker.

### Angular Developer @ WAVEAPP – ARIANA

**WARIS – Web & Mobile Apps** / Jul 2021 – Aug 2022

#### Description:

- Design & modeling of **WAVEAPP** Revolutionary Industrial Solutions; a real time, cross-platform IOT ecosystem featuring the End-to-End Micro-apps architecture.
- Development of several Micro-Front-End apps

#### Technologies:

HTML5, CSS3, TS (ES6+), Angular, Bootstrap, Expressjs, Nest.js, Node.js, MongoDB, redis, Socket.io, Nodemailer, jsonwebtoken, NX dev Tool, Git, Husky, MS Azure Devops, Docker.

## Assets

### Front-End Layer:

Angular, Ionic, Angular Material, Bootstrap, TailwindCss, Socket.io, Handlebars, HTML5, CSS3, TS/JS (ES6+).

### Backend Layer:

Node.js, Expressjs, Nest.js, Electron, Socket.io, Nodemailer, jsonwebtoken, FireBase Authentication, FireBase Cloud Functions, TS/JS (ES6+).

### Persistence Layer:

MongoDB, redis, MySQL, PostgreSQL, FireBase Realtime DB, FireBase Cloud Store.

### CI/CD:

Git, Husky, Bitbucket, GitHub, MS Azure Devops, Oracle Cloud, Docker, K3s, VirtualBox, QEMU, Waydroid...

### Operating System:

GNU/Linux based distros:

- Debian 🌟
- UBUNTU
- KALI Linux
- Arch
- Garuda
- ...

Windows (7 & 10)

## MEAN Stack Developer @ ETS – SFAX

**Marina – Desktop & Mobile Apps** / Jan 2021 – Jun 2021

### Description:

Design, modeling and development of an automated Real-Time IOT clinic management ecosystem composed of:

- LEGRAND hardware network components (Myhome server, badge readers ...).
- Desktop role-based administration app + embedded RT web server.
- Medical staff (nurses & doctors) mobile app.
- System setup & configuration (ETS agent) mobile app.

### Technologies:

HTML5, CSS3, TS/JS (ES6+), Angular, ionic, Bootstrap, Node.js, Expressjs, MongoDB, Sqlite, Socket.io, Nodemailer, jsonwebtoken, electron, Git, Bitbucket.

**SAS Manager – Desktop App** / Jul 2020 – Dec 2020

### Description:

Design, modeling and development of GALPHARMA lab remote controlled doors Real-Time IOT system composed of:

- LEGRAND hardware network components (Myhome server...).
- Desktop role-based administration app.

### Technologies:

HTML5, CSS3, TS/JS (ES6+), Angular, ionic, Bootstrap, Node.js, Expressjs, MongoDB, Sqlite, Socket.io, Nodemailer, jsonwebtoken, electron, Git, Bitbucket.

**IPTV – Web App** / Fev 2020 – Jun 2020

### Description:

Design, modeling & development of a Content Management System for an IPTV platform.

### Technologies:

HTML5, CSS3, TS/JS (ES6+), Angular, Angular Material, Bootstrap, MySQL, Expressjs, Node.js, Nodemailer, jsonwebtoken, bash scripting, Git, Bitbucket.

**Wassally – Web App** / Oct 2019 – Jan 2020

### Description:

Design, modeling, development & deployment of a multi-role control panel of a delivery services application.

### Technologies:

HTML5, CSS3, TS/JS (ES6+), Angular, Angular Material, Bootstrap, AngularFire, FireBase (Realtime DB, Authentication, Cloud Store, Cloud Hosting, Cloud Functions), Git, Bitbucket.

**Iraqi Chat – Web App** / Fev 2019 – Sep 2019

### Description:

Design, modeling, development & deployment of an Arabic chat web application with role-based authentication & administration system.

### Technologies:

HTML5, CSS3, TS/JS (ES6+), Angular, Angular Material, Bootstrap, MongoDB, Expressjs, Node.js, Multer, Socket.io, Nodemailer, jsonwebtoken, Git, Bitbucket.

## Certifications:

**EcmaScript 6+** / 2019

Beginner level

Medium level

Advanced level

**Angular 5+** / 2019

Medium level

**Algorithms & Data Structs** / 2019

Certification

**UML** / 2018

Map out your project with UML

## Education:

**Computer Science Engineer**

ENIS SFAX – TUNISIA

September 2015 – December 2018

**Prep. Cycle for Eng. Studies**

IPEIS SFAX – TUNISIA

September 2011 – June 2015

**Baccalaureate**

High School of Technologies

SFAX – TUNISIA

June 2011

## Languages:

**Arabic** / Native

**English** / Read, Write &

Communicate

**French** / Read, Write &

Communicate

## Links:

**Linkedin** / [@Ahmed Zrafi](#)

**Calendly** / [@zrafiovic](#)

## **IDR – Web App** / *Oct 2018 – Jan 2019*

### **Description:**

Design, modeling, development and Deployment of:

- A web application promoting our client's real estate Renovation maintenance and rehabilitation services.
- A minimal Content Management System custom built from scratch.

### **Technologies:**

HTML5, CSS3, JS (ES6+), Angular, Bootstrap, Node.js, Expressjs, MongoDB, Nodemailer, Handlebars, Git, Bitbucket.