



Ahmed Attafi

IoT & Software Developer

“ People ignore design that ignore people. ”
Frank Kimero

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Socials

Behance
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GitHub
@Attafi

Twitter
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Languages

Arabic
Native

French
Professional working

English
Fluent

Germany
Elementary

Certifications

Azure AI Fundamentals

Crash Course on Python

Introduction to Git and GitHub

Foundations of Project Management

Experience



Capgemini Engineering

Present

Automotive Software Tester

Parc Technologique El Ghazala Ariana, Tunisia • Hybrid

- Develop and execute test plans for automotive software.
- Create and maintain detailed test cases for functionality and performance.
- Collaborate with cross-functional teams for effective communication.
- Automated safety and compliance testing procedures.
- Document test results and contribute to process improvement.



Smart Kokusai

Feb – May 2023

Tunis, Tunisia • Hybrid

Created & developed a sophisticated IoT-based system

- Implemented and developed an IoT system with Arduino Uno, Raspberry Pi 3 Model B, and sensors.
- Used Arduino IDE for programming, Mosquitto for MQTT, and Node-RED for flow-based programming.
- Managed data with MongoDB and created a user interface using Flutter.



CIN Group

Aug 2022– Jan 2023

Tunis, Tunisia • Hybrid

Created cutting-edge investment platform architecture

- Built secure investment platform with React, Chakra UI, Express JS, and Postgre SQL.
- Designed intuitive user interfaces for seamless investor experience.
- Implemented robust security measures to ensure data protection and privacy.

Education



Private Higher School of Engineering and Technology

Embedded Ambient and Mobile Systems and Software
2023–2027



Higher Institute of Information and Communication Technologies

Bachelor's Degree In Computer Engineering
2021 – 2023

Skills



Embedded systems & IoT



Development

RaspberryPi

- PSOC1
- Arduino
- STM32

React JS

- Chakra UI
- TailwindCSS
- Bootstrap

Linux

Embedded C

Rest API

- Kotlin
- Flutter

- HTTP
- MQTT

System Design

Azure IoT Hub

JS

UI/UX

Design system

- Git
- Databases
- Docker



Programming

- C
- C++
- C#

Python

Java / .NET

SOLID Principles

Problem Solving

ML/AI
ADS

Tools



Azure Data Studio
Flow-based development tool



Docker
Containerization Tool



Figma
UI Design, prototyping



Arduino IDE
Code tool



Vector CANoe
Streamlined navigation tool



GIT
Version Control



VS Code
Code editor



Android Studio
Mobile development



Azure DevOps
Project management