# Souhail Smiri

Software developer

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GitHub | Linkedin

## EDUCATION

**HIGHER INSTITUTE OF ARTS AND MULTIMEDIA**
September 2021 - June 2024
Internet of things Bachelor's degree
Manouba,Tunisia

**LYCE IBN ABI DHIAF MANOUBA**
September 2017 - June 2021
Computer Science high school diploma
Manouba,Tunisia

## EXPERIENCE

**QUEBEC CENTER | IOT Intern**
Manouba,Tunisia | February 2024 – May 2024

- Designed and developed a Raspberry Pi Cluster, making use of Kubernetes for container orchestration.
- Implemented networking and load balancing solutions.

**NEXTERS SOLUTIONS | Full-stack Developer Intern**
Tunis,Tunisia | June 2023 – August 2023

- Assisted in the development of a Customer Relationship Management (CRM) system, encompassing both front-end and back-end components, using the MERN stack.
- Implemented RESTful APIs, enhancing the system's ability to retrieve and manipulate customer information

## SKILLS

| | |
|---|---|
| Programming Languages | C++, Java, Python, C# |
| Libraries/Frameworks | HTML, JavaScript, React, NextJs, Tailwind CSS, Express, NodeJs |
| Tools / Platforms | Git, VS Code, Unity, Android Studio, Photoshop, Linux, Kubernetes, Node-Red, Arduino, RaspberryPi, ESP32 |
| Databases | MongoDB, SQL |

## PROJECTS / OPEN-SOURCE

**CLUSTER RASPBERRY PI**
Linux , Kubernetes , Raspberry Pi , Networking , Python

Designed and developed a Raspberry Pi Cluster, Making use of Kubernetes for container orchestration.

**MYWEATHER | Link**
Java , Android Studio

Created "MyWeather," an Android weather app with a sleek design and open-sourced it on GitHub for community collaboration

**EDUCATECK | Link**
Java , Android Studio , IOT , Arduino , Raspberry Pi

Collaborated on "Educateck," an IoT-based smart high school system with environmental monitoring and a parking management solution, integrating Firebase for secure data sharing.

**ALFAYN | Link**
Javascript , NextJs , React , Liveblocks ,Clerk , Tailwind CSS

Created an improved Google Docs that manages millions of collaborators in real-time.

**SECURECHAT | Link**
Python, Socket Programming, Cryptography

Development of "SecureChat," a real-time secure chat application. Implemented end-to-end encryption to ensure the confidentiality of messages exchanged between users.

## CYBERLAB
Kali Linux, Networking, Virtualization, Cybersecurity

Creation of "CyberLab," a home lab environment for cybersecurity, using Kali Linux and various security tools. Designed to test and practice techniques for protecting against cyberattacks in real-world scenarios.

## DEADLY STUFF | Link
Unity , C# , Aesprite , Animation

Designed and developed "Deadly Stuff," a 2D pixel art hack and slashgame in Unity, demonstrating proficiency in game development, C#programming, and engaging gameplay mechanics.

## PORTFOLIO WEBSITE | Link
Next.js ,Tailwind CSS ,Spotify API ,Google Analytics ,Supabase ,Vercel

This is my portfolio built with Next.js, Tailwind CSS, Spotify API, Google Analytics , Supabase and Vercel.

## CERTIFICATIONS

- Fundamentals of Digital marketing - Google
- EF SET English Certificate 66/100 (C1 Advanced) - EF Set
- IELTS 7.0 C1 - British Council
- Career Essentials in Cybersecurity by Microsoft and LinkedIn - Linkedin, Microsoft
- Cybersecurity Foundations - Linkedin
- Cybersecurity Awareness: Cybersecurity Terminology - Linkedin