

# ARROUJ SAMAR

I am a fourth-year engineering student at Tek-Up University, specializing in Mobile, Web, and Multimedia Development. Highly motivated and versatile, I thrive in fast-paced environments and adapt quickly to new challenges. With strong communication and multitasking skills, I effectively manage multiple projects while continuously learning and growing.



✉ [Samar.arouj2020@gmail.com](mailto:Samar.arouj2020@gmail.com)

in [Samar Arrouj](#)

☎ +216 96021005

🔄 [Github](#)

📍 Ariana

## EXPERIENCE

### • Inspark: PFA Internship (2 months)

Project: Improvement of the website for the Ministry of Agriculture of Tunisia

Responsibilities: User interface enhancement, article and event management, admin dashboard development

Technologies used: Laravel (Fullstack)

### • DPC (Digital Power Consulting): PFE Internship (4 months)

Project: Development of a web-based ERP accounting application

Objective: Designed and implemented a web application to centralize data in a single database, improving communication between departments within a company.

Technologies used: Spring Boot / Angular

### • PCAP Trainer for International Students

Delivered Python programming training to international students, leveraging the PCAP (Certified Associate Python Programmer) certification. Provided hands-on guidance in problem-solving, coding best practices, and application development.

## ACADEMIC PROJECTS

### • Development of a platform for artists

The goal of the project is to create a dynamic space where artists can share, promote, and sell their work, as well as offer online courses.

Backend: PHP

Frontend: HTML, CSS, JavaScript, and Bootstrap

### • Gym Management System

A desktop application developed to streamline the daily operations of a fitness center. It enables efficient management of members, staff, schedules, and payments.

Features: Equipment management, Member management, Staff management

Technology used: C#

### • Traditional Tunisian Recipes Web Application

Developed a web application that allows users to:

- Access a rich database of traditional Tunisian recipes, accompanied by step-by-step video tutorials.
- Share their own recipes with the community, whether traditional or innovative creations.
- Order dishes published by partner restaurants.

Technology used: Spring boot

### • AI-Powered Medical Diagnosis System

Designed and developed an intelligent system to assist in medical diagnosis using artificial intelligence. The platform provides healthcare professionals with reliable support for faster and more accurate diagnostic decisions.

Key Features:

- User Management
- AI-Assisted Medical Analysis and Diagnosis
- Appointment Booking System

Technologies used: .Net (backend) + Angular (frontend) + Flask (python)

## EDUCATION

### • Tek-Up – Private School of Engineering and Technology

4th Year Engineering Student in Computer Science

Specialization: Mobile, Web, and Multimedia Development

### • Faculty of Sciences of Bizerte

Bachelor's Degree in Information and Communication Technology

### • Farhat Hached High School

High School Diploma in Mathematics

## SKILLS

### • Languages:

C/C# , Java , Python , PHP , JS , HTML/CSS ,SQL

### • Frameworks:

Spring boot, Laravel , Node Js, NestJs, NextJs, ExpressJs, .Net, Angular, ReactJs, Flask, Tailwind Css, Bootstrap

### • Database:

MySQL, MongoDB, Firebase Realtime DB

### • Methodologies:

Agile(Scrum) , Object-Oriented Programming OOP

### • Cloud & DevOps:

Git/Github/Gitlab/Bitbucket,CI/CD, AWS(EC2,IAM), Docker

### • Tools:

Jira, Figma(UI/UX Design)

## CERTIFICATIONS

### • PCAP - Certified Associate Python

Programmer

### • PSM1 - Professional Scrum Master 1

## COMMUNITY INVOLVEMENT

### • General Secretary – Microsoft Tech Club, Tek-Up

### • Active Member – IEEE Tek-Up Student Branch

### • President – InnovLab Tek-Up Club

## LANGUAGES

### • English: Fluent

### • French: Advanced

### • German: Beginner