

Yussuf Zidan

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SUMMARY

Software Engineer with significant experience in **backend logic, frontend interfaces, and automation**; specialized in creating solutions that optimize workflows and solve real-world problems through clean, maintainable code.

SKILLS

Technical skills: Python, Javascript, React, TailwindCSS, Flask, Socket.IO, Linux, Git, PostgreSQL

Languages: English, Arabic

EXPERIENCE

Zidan Software, with 25+ clients and over 25 projects completed

- Built and self-managed a freelance development practice, delivering 25+ custom automation solutions that helped individuals and small businesses eliminate repetitive tasks and accelerate workflows. Handled all stages from client acquisition to technical implementation.
- Developed a parallelized web data extraction system in Python that processed 2,000+ business links in seconds, automatically collecting marketing presence, social media activity, ads, and technology stack data to enrich lead insights.
- Provided Python tutoring, helping learners master key programming concepts and improve coding proficiency, with feedback indicating a significant increase in problem-solving skills and confidence in coding.
- Implemented frontend user forms for [Funding Crew](#)'s registration flow based on existing designs, enabling seamless submission of answers to questions; the solution was well-received for its user-friendly functionality.
- Developed a custom website scraper for a perfume collector to track and compare prices on a specific website, enabling the client to save more than 5,000 euros annually.
- Developed a complete automation solution for an IT and networking company to streamline hotspot device configuration and deployment, using **Python, Puppeteer, and Pandas**.

PROJECTS

Real-Time Chat Application

March 2025 - Present

- Developed a secure, full-stack private messaging app enabling real-time communication with voice and video calls.
- **Technologies used:** Flask, Python, Socket.IO, HTML, CSS, Javascript
- Built custom user interface with responsive design, ensuring a seamless user experience across devices.
- Implemented real-time chat functionality and audio/voice calls using Socket.IO for low-latency performance.

Gsvp-dl | Google Street View Panorama Downloader

August 2025 - August 2025

- Developed a high-performance, asynchronous downloader for Google Street View panoramas, available as both a command-line tool and a Python API.
- Built to efficiently **download millions of panorama images** using asynchronous requests and dynamic concurrency.
- Implemented advanced logic to detect and handle black tiles, outdated panoramas, and differences between pre-2016 and post-2016 image formats.
- Designed with configurable zoom levels and scalable architecture for large dataset processing and research automation.

EDUCATION

Gulf College

Bachelor's degree, Computer Science

April 2025 - April 2029

GED, Al Salam Private School | 3.4 / 4.0 **GPA**

July 2024