

📍 Cairo, Egypt

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## SKILLS

### Backend Development

Experienced

Python, Flask, FastAPI, REST

### Frontend Development

Skillfull

HTML/CSS, JavaScript, Bootstrap

### Databases

Skillful

MySQL/MariaDB, DynamoDB, SQLite

### Linux Servers Administration

Skillful

Bash scripting, Docker, Traefik

### Android Development

Novice

Kotlin, Android Studio

### Content Creation / Social Media

CMS, Blogging, Digital Media, SEO

### Others

Git - GitHub, CI/CD, Amazon AWS, YAML - JSON - XML

## LANGUAGES

#### Arabic

Native

#### English

Highly proficient

#### German

A1

# Youssif Shaaban

Software Developer

Experienced Software Developer and Technical Writer, with demonstrated expertise in building tools, websites, and chatbots. Proficient in various platforms and languages. Experienced with cutting-edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

## WORK EXPERIENCE

### Software Developer

(31/12/2018 - Present)

Freelance / Self-employed

- Enjoying coding in Python, mostly for backend development, web scraping, automation, chatbots, and building various projects (most of them are open-source and available on my **GitHub profile**).
- Worked as freelance contractor with well-known websites such as **xda-developers.com** and **banggood.com** for building internal automation tools, scalable web scraping tools, and websites for presenting data, etc.
- Built several open-source projects, that some of them has been covered by some of the most popular tech websites and forums, including **XDA-Developers**, **PiunikaWeb**, and SourceForge, such as **XiaomiFirmwareUpdater**, **E-Book Converter Bot**, **facebook2rss**

### Technical Writer

(30/09/2014 - Present)

Loghat Al-Asr Magazine, Al-Ahram Establishment

- Technical Writer at Loghat Al-Asr Magazine, with more than 100 articles and reports published in the printed version of the magazine and more than 200 articles on the website.
- Writing about using technical skills, security, privacy, open-source software, and various tech topics.

### Open Source Developer

(30/11/2014 - Present)

XDA Developers

- Building tools, mods, custom recoveries, and custom ROMs for various Android devices since 2014.
- Used to be involved in Android Custom ROMs development for devices I own.
- Ported custom recoveries like TWRP for many devices like while being a core member of part of **TwrpBuilder** project.
- Contributed to **DualBootPatcher** project, and added support of many devices to the project.
- More information about my android related works is available on **XDA-Developers forums**.

## EDUCATION

### Al-Azhar University

(30/06/2017 - 30/07/2021)

License, English Translation and Simultaneous Interpretation

Very Good with Honors

## AWARDS

### Recognized Developer

(31/07/2017)

XDA Developers

<https://forum.xda-developers.com/member.php?u=6084385>

### Youngest Technical Writer Award

(09/05/2017)

Minister of Communications and Information Technology

<https://youtube.com/watch?v=6u9kMoKuYuw&t=47m20s>

## CERTIFICATIONS

### CS50x: Introduction to Computer Science

(31/08/2019)

Edx

<https://courses.edx.org/certificates/48cce40d447147bbab4d922fb715b159>

### Become a Software Developer

LinkedIn Learning

### The Complete JavaScript Course 2022: From Zero to Expert!

(19/08/2022)

Udemy

<https://www.udemy.com/certificate/UC-197f758f-74f1-4245-8ada-9b337dc1d9af/>

## PROJECTS

### Xiaomi Firmware Updater

(11/01/2018 - Present)

Fullstack Developer

- An open-source project, started in January 2018, aims to provide firmware packages for Xiaomi android devices.
- Developed web scrapping tools, automation scripts, a database, an api, a website and chatbots on many social platforms to allow users to find files for their devices easily.
- The project has been covered by some of the most popular tech websites and forums, including **XDA-Developers**, **PiunikaWeb**, and chosen as the project of the week 45 of 2018 on **SourceForge**.

<https://github.com/XiaomiFirmwareUpdater>

Python, Javascript, HTML/CSS, Docker, Bash

### Facebook2RSS

(26/01/2021 - 21/03/2021)

A small API for accessing Facebook profile, pages, groups posts and notifications as RSS feeds. Based on FastAPI and Playwright.

<https://github.com/yshalsager/facebook2rss/>

Python, Backend, Flask, REST, SQLite, Webscraping

### Chatbots

(30/04/2019 - Present)

Several chatbots for making users' life easier

- Built several public and private chatbots that provides unique functionalities for users on different social platforms such as Twitter, Telegram, Discord.
- Some examples are: **E-Book Converter Bot** that helps users converts e-books to various formats with few clicks on Telegram, and **Droos Bot** that provides an easy way for users to explore lectures listed in a datasource, get them as files, search them, and contact with data admins.