Cairo, Egypt

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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.

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

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

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.

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://cs50.harvard.edu/certificates/25a8bd14-6690-488e-8394-f63869e70154**

Become a Software Developer

LinkedIn Learning