Cairo, Egypt

contact@yshalsager.com

https://yshalsager.com

yshalsager

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SKILLS

Backend Development

Experienced

Python, Flask, FastAPI, REST

Frontend Development

Skillfull

HTML/CSS, JavaScript, Svelte

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, Hugo - Jekyll

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
(2018-12-31 - Present)

Freelance / Self-employed

- Enjoying coding in Python and JavaScript, mostly for backend development, GUI programs, 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**, **gizcoupon.com**, **nuqayah.com** for building internal automation tools, scalable web scraping tools, customer chatbots, 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
(2014-09-30 - Present)

Loghat Al-Asr Magazine, Al-Ahram Establishment

- Technical Writer at Loghat Al-Asr Magazine, with more than 110 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
(2014-11-30 - 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
(2017-06-30 - 2021-07-30)

License, English Translation and Simultaneous Interpretation

Very Good with Honors

AWARDS

Recognized Developer
(2017-07-31)

XDA Developers

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

Youngest Technical Writer Award
(2017-05-09)

Minister of Communications and Information Technology

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

CERTIFICATIONS

CS50x: Introduction to Computer Science
(2019-08-31)

Edx

🔗 https://courses.edx.org/certificates/48cce40d447147bbab4d922fb715b159

Become a Software Developer

LinkedIn Learning

The Complete JavaScript Course 2022: From Zero to Expert!
(2022-08-19)

Udemy

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

PROJECTS

Xiaomi Firmware Updater
(2018-01-11 - 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, Jekyll

Facebook2RSS
(2021-01-26 - 2021-03-21)

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
(2019-04-30 - Present)

Several chatbots for making users' life easier

- Built several public and private chatbots that provide 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.
  - **Droos Bot** that provides an easy way for users to explore lectures listed in a data source, get them as files, search them, and contact with admins.
  - **Mujadwil Bot** that makes reading books easier for people and sends them the selected quantity of pages of available books at day and time they configure. Built as a project for **nuqayah.com**.

Python, Telethon, Pyrogram, python-telegram-bot

Telegram Scheduler

A simple web app to batch send/schedule messages from text file to Telegram chat.

🔗 **https://telegram-scheduler.yshalsager.com/**

HTML5, CSS, JavaScript, TailwindCSS, Svelte