

# Yassine ISSOUFOU

## Software Engineer

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I'm Yassine, a self-taught Software Engineer with a diverse skill set in web development, data, and quality assurance. I started programming in high school and have since expanded my expertise through online courses, projects, open source and contributions. Today, I'm ready to contribute to various roles in the tech industry.

## EDUCATION AND CERTIFICATIONS

### Education

2021-2022 CS general Studies

MACOMB COMMUNITY COLLEGE

### Certifications

100 days of python

UDEMY

The Complete SQL Bootcamp

UDEMY

The Complete JavaScript Course

UDEMY

## SKILLS

**Programming Languages** Python, JavaScript

**Web Technologies** Django, React-js, FastApi, Flask, Nginx, Bootstrap, Scss

**Databases** PostgreSQL, MySQL, SQLite, MongoDB

**Others and Tools** Node-js, Git, GitHub Actions, Beautiful Soup, Selenium Webdriver, Docker, Redis, Celery

## PROJECTS

### Flask web app with user auth

- > Developed a secure Flask web application with a multitude of features, aimed at enhancing user experience and data protection enabling user registration, storing user information in a SQLite database with advanced password hashing. I also implemented user authentication, allowing users to create posts, view posts from other users, and seamlessly log out.

[Python](#) [SQLite](#)

### Rest API

- > This project involved data scraping from an online source, by leveraging my knowledge in web scraping techniques. I collected valuable data and stored it in a PostgreSQL database. I made the data available through an API, enabling users to effortlessly retrieve and utilize the extracted information. This project exemplified my proficiency in API development, data scraping, and database management.

[Python](#) [FastAPI](#) [PostgreSQL](#)

### AutoBuy

- > This project employs Selenium, for web scraping, form filling, and click automation. AutoBuy automate various tasks, including user session management, cookie handling, and data persistence to enable seamless website interactions and eliminate repetitive tasks. It is structured as a Python package with modules to maintain code clarity, and different aspects of the automation and testing process.

[Python](#) [Selenium WebDriver](#) [click-shell](#) [rich](#) [unittest](#) [pytest](#) [git \(version control\)](#) [CI/CD workflows](#)

### Autoblue

- > Autoblue is an open-source Django-based web application designed to automate user posts on Bluesky. The frontend is built entirely with vanilla technologies, while the backend leverages Python, PostgreSQL (database), Nginx (web server), Redis, and Celery for task queuing. The application is containerized with Docker and deployed to a DigitalOcean VPS using GitHub Actions.

[Python](#) [Django](#) [Celery](#) [Redis](#) [Postgres](#) [Github Actions](#) [Docker](#)