

Mahmoud Farid

More than 5 years of experience working with national and international teams building B2C & B2B products (Python | Django | PostgreSQL | Docker | Swarm | Jenkins)

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WORK EXPERIENCE

Software Engineer

SendCloud

Nov 2020 - Present

Working in the team that was responsible for the integrations with logistical providers.

- Integrate new carriers to our projects like GLS and DHL.
- Supporting and maintaining the new carrier SDK project and migrating all our carrier integrations to use the new SDK

Tech-Stack: Python, Django, PostgreSQL, Dramatiq, Docker and Gitlab CI.

Senior Software Engineer

Flying Elephant Lab

Feb 2019 - Oct 2020

Worked in [Yaoota](#), which is a comparison search engine app that works in 5 countries serving more than 5M users/month

Worked in [Shahry](#), which is a microfinance app providing small loans for thousands of customers.

- Dockerize the infrastructures of Yaoota instead of Ansible and orchestrated the Docker container cluster using Swarm.
- Build external service to communicate with external providers and integrate it with the core app using RabbitMQ.
- Enhance the performance of our internal dashboard.
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins.
- Integrate with online payments (Accept - Fawry - Aman - BEE) to be used in Shahry.
- Developing a Single Sign-On service to centralize login and sign up for all yaoota countries.
- Act as an intermediary for communication between the technical and non-technical team.
- Onboarded and trained several newcomers to become productive members of the development team.

Tech-Stack: Python, Django, PostgreSQL, Celery, Redis, RabbitMQ, Jenkins, Docker, Swarm, CI/CD, Golang, Elastic Search, Nginx, Traefik, Scrapy, Ansible, Vagrant, Bash, Selenium, Git and AWS.

Software Engineer

STCS

Sep 2017 – Jan 2019

Worked with an international team between Egypt and KSA to build and support the STC cloud marketplace, which is one of the biggest cloud service provider in KSA.

- Rearchitected and Implemented STC cloud marketplace to support multi-tenancy for different sites ([STC Marketplace](#) and [Bluvalt](#))
- Re-implemented the inter-service communication of 4 micro-services from RESTful calls to pub/sub using RabbitMQ

Tech-Stack: Python, Django, Flask, PostgreSQL, Celery, RabbitMQ, Jenkins, Docker and CI/CD.

Software Engineer

Flying Elephant Lab | Yaoota

July 2016 - Sep 2017

Software Engineer

Cube Egypt

Sep 2015 - July 2016

ADDITIONAL EXPERIENCE

- Top Rated Freelance Software Engineer at Upwork with +500 hours and 100% success rate. More info [HERE](#).
- Co-Instructed a 30H course to a group of 6 Engineers from [nana](#) on Python/Django/Docker/Github Actions.
- Co-Founder of [Elmareekh](#) and [Blaze](#).

EDUCATION

BSc. in Computer Engineering

Mansoura University

2012 - 2017

Major Grade: (Very Good), 10th on the class, Graduation Project: Distinct (Excellent)

TECHNOLOGIES & SKILLS

TDD, A/B Testing, Distributed Systems, Cloud Computing, CI/CD, DevOps, Unit and Integration Testing, Agile(Scrum & Kanban), Code Review, REST API, E-commerce, Fine-tech.