# George Messiha

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## Experience (5+ Years)

### Huspy
**Dubai, UAE**

***Senior Software Engineer***
*Aug 2021–Present*

Developing, Architecting the backend and DevOps.
- Develop and architect the backend infrastucture.
- Create migration plans to keep up with the rapid, fast paced market changes and expansions.
- Onboard new members to the company (inside and outside of the squad)
- Help on the new Hires through my network, conduct interviews, test assessment.

### Creatio
**North Sydney, Australia**

***Senior Software Engineer***, *Remote*
*Mar 2021–Present*

Developing and Maintain Websites and Infrastructure, Helping other team members to reach the customer requirements, and improve their skills through discussions, monitoring and pair programming.
Detailed achievements:
- Maintaining a full remote team from 3 to 6 developers, Helping out in hiring/interview process, onboarding, and managing the new team members.
- Data modeling, system architecture, Microservices patterns to build.
- Tools: mainly developing using Python, Django, Rest framework, Celery, PostgreSQL and deploy on AWS or Herouku Infrastructure

### Orange Business Services
**Cairo, EG**

***Senior Software Engineer***, *Fulltime*
*Sep 2018–Mar 2021*

Building Orange's first automated reporting tool for services performance and customizing the reports to Customer needs and requirements upon each SLA.
Detailed achievements:
- Help the team to collect relative data for clients on their business, clean data to find the performance and efficiency of the system and the network timing.
- Data modeling, system architecture, data loading from Big data warehouse HortonWorks to kafka and more streaming data tools (ETL), to visualize the data in meaningful charts in data analytic reports.
- Tools: Hadoop, Spark, Python, HortonWorks, Django, Jira, Taiga, Continuous Integration, Continuous Delivery, Docker, Docker-Compose, Linux, Power BI, Web Scrawlers, Scrum, Agile DevOps framework

### PayMob
**Cairo, EG**

***Software Engineer***, *Fulltime*
*Jul 2017–Jul 2018*

Building Vodafone Cash Backend.
Detailed achievements:
- Develop, test, debug and maintain cloud based solutions with python, nginx, AWS, Docker technologies.
- Develop unit tests and work with Quality Control members Roles on solving the defects.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming. Embracing, utilizing the new wave of software development concepts (SaaS, Cloud Computing)

### BlueCloud Technologies
**Cairo, EG**

***Software Engineer***, *Fulltime*
*Feb 2017–Jun 2017*

Building Docs Sharing Software addons in Microsoft Word. Detailed achievements:
- Develop, test, debug and maintain web/windows cloud based solutions with MS .net technologies.
- Develop unit tests and work with Quality Control members/Roles on solving the defects.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming.
- Embracing and utilizing the new wave of software development concepts (Software-as-a-service, Cloud Computing, ...etc.).

### Aprcot
**Cairo, EG**

***Software Engineer***, *Fulltime*
*Jun 2016–Jan 2017*

Building a tool to automate the Ads campaign for Social media(e.g. Facebook, Google, Instagram, Youtube) instead of registering for each campaign it automates the campaign follow the graph produce a peak notification, choosing the best plane with the best budget to reach the target. all of that is automated using our magnificent tool which use machine learning, AI, Restful and a lot of other applications to reach the campaign target.
Detailed achievements:
- Develop, test, debug and maintain.
- Tools: Bower, Gitlab, Jira, CSS, AngularJS, HTML, Gulp, Django, Rest Framework.

#### Internships

### The German University in Cairo
**Cairo, EG**

***Junior Teaching Assistant***
*Sep 2015–Jan 2016*

Helping the Teacher Assistant in the University in teaching Android Application developing. Helping students to do their tasks on time, solving any issues facing them or teach them any required skills.

### Orange Egypt
**Cairo, EG**

*\textbf {Network Engineer Trainee}*
*Jul 2014*

Did system provisioning work. Main Duties:
○ Security Analyzer.
○ Connect remotely to Offices' devices for troubleshooting.
○ Revise Offices' Firewalls policy.

**Xerox**                                                                              **Cairo, EG**
*\textbf {Sales \& Representative Engineer Trainee}*                                       *Aug 2014*
Did system administrative work. Main Duties:
○ Establish Network connection to Xerox remote Devices.
○ Maintain IT requirements for the devices to adapt for the network condition.
○ Build Xerox printer's Applications specially customized for the clients.

## Education

**The German University in Cairo**                                                     **Cairo, EG**
*Bachelor of Networks and Information Engineering Technology*                           *2011–2016*
*Bachelor Thesis Topic: Security of Cloud Computing*

**Saint Fatima International School - Nasr City**                                       **Cairo, EG**
*Thanwya Amma, Math Science*                                                            *1997–2011*

## Skills

### Advanced

**Language**: Python, Java, Bash, LaTeX, Markdown

**Web-Frameworks**: Django, Restframework, Flask

**SysAdmin**: Linux (Debian, Red Hat), Gitlab CI/CD, Docker, Ansible, Docker-Compose, Continues Delivery, Fabrics

**Data Science**: Pandas, NumPy, dataframes

**Services**: Gunicorn, WSGI, Apache2, HAProxy, Load Balancer

**Team Tools**: Agile, Scrum, Jira, git, Office, Scrapy, Swagger, Sphinx docs, readthedocs

### Intermediate & Beginner

**Language**: PHP, GoLang, Rust, Elixir

**Web-Frameworks**: Phoniex, Angular

**Operating Systems and automation**: Kubernetes

**Data Science**: Bower, Hadoop, Spark, PowerBI

**Services**: Nginx

## Languages

**Arabic**: Native

**English**: fluent                                                       *Professional working proficiency*

**Deutsch**: Basic                                                           *Basic words and phrases only*

## Certificates & Awards

**SkillSoft**                                                                          **Cairo, EG**
*Design Thinking for Microservices*                                                        *2020*

**PeopleCert**                                                                         **Cairo, EG**
*PeopleCert DevOps Fundamentals: Effectiveness \& efficiency beyond comparison*            *2019*

**Udacity, ITI**                                                                       **Cairo, EG**
*Deep Learning NanoDegree*                                                                 *2018*

**Udacity, 1 Million Arab Coder**                                                      **Cairo, EG**
*Data Analyst*                                                                             *2018*

**DataCamp**                                                                           **Cairo, EG**
*Data Scientist*                                                                        *2017–2018*