

George Messiha

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*Building Softwares that scale and making people's life easier.
Enjoys challenging projects that require to expand my comfort
zone and knowledge set. Looking forward to be the Next Game
Changer.*

Experience

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:

- o Maintaining a full remote team from 3 to 6 developers, Helping out in hiring/interview process, onboarding, and managing the new team members.
- o Data modeling, system architecture, Microservices patterns to build.
- o Tools: mainly developing using Python, Django, Rest framework, Celery, PostgreSQL and deploy on AWS or Heroku 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:

- o 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.
- o 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.
- o 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:

- o Develop, test, debug and maintain cloud based solutions with python, nginx, AWS, Docker technologies.
- o Develop unit tests and work with Quality Control members Roles on solving the defects.
- o 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)

Nexus Edge

Sao Paulo, Brazil

Remote Software Engineer, Remote Part-time

Dec 2017

Developing one of the most cognitive Marketing AI, helping to improve the teams communication, managing the development remotely. Maintaining development cycle.

BlueCloud Technologies

Cairo, EG

Software Engineer, Fulltime

Feb 2017–Jun 2017

Building Docs Sharing Software addons in Microsoft Word. Detailed achievements:

- o Develop, test, debug and maintain web/windows cloud based solutions with MS .net technologies.
- o Develop unit tests and work with Quality Control members/Roles on solving the defects.
- o Prepares and installs solutions by determining and designing system specifications, standards, and programming.
- o 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:

- o Develop, test, debug and maintain.
- o 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

Network Engineer Trainee

Jul 2014

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

Xerox

Sales & Representative Engineer Trainee

Did system administrative work. Main Duties:

- o Establish Network connection to Xerox remote Devices.
- o Maintain IT requirements for the devices to adapt for the network condition.
- o Build Xerox printer's Applications specially customized for the clients.

Cairo, EG

Aug 2014

Education

The German University in Cairo

Bachelor of Networks and Information Engineering Technology

Bachelor Thesis Topic: Security of Cloud Computing

Cairo, EG

2011–2016

Saint Fatima International School - Nasr City

Thanwya Amma, Math Science

Cairo, EG

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: Unicorn, 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

Design Thinking for Microservices

Cairo, EG

2020

PeopleCert

PeopleCert DevOps Fundamentals: Effectiveness & efficiency beyond comparison

Cairo, EG

2019

Udacity, ITI

Deep Learning NanoDegree

Cairo, EG

2018

Udacity, 1 Million Arab Coder

Data Analyst

Cairo, EG

2018

DataCamp

Courses

DataCamp

Introduction to Databases in Python

Cairo, EG

2017–2018

DataCamp

pandas Foundations

Cairo, EG

2017–2018

DataCamp

Importing Data in Python (Part 1)

Cairo, EG

2017–2018

DataCamp

Importing Data in Python (Part 2)

Cairo, EG

2017–2018

DataCamp

Cleaning Data in Python

Cairo, EG

2017–2018

DataCamp <i>Introduction to Data Visualization with Python</i>	Cairo, EG 2017–2018
DataCamp <i>Interactive Data Visualization with Bokeh</i>	Cairo, EG 2017–2018
DataCamp <i>Intro to Python for Data Science Course</i>	Cairo, EG 2017–2018
DataCamp <i>Statistical Thinking in Python (Part 1)</i>	Cairo, EG 2017–2018
DataCamp <i>Statistical Thinking in Python (Part 2)</i>	Cairo, EG 2017–2018
DataCamp <i>Python Data Science Toolbox (Part 1)</i>	Cairo, EG 2017–2018
DataCamp <i>Python Data Science Toolbox (Part 2)</i>	Cairo, EG 2017–2018
DataCamp <i>Intro to SQL for Data Science</i>	Cairo, EG 2017–2018
DataCamp <i>Intermediate Python for Data Science Course</i>	Cairo, EG 2017–2018
DataCamp <i>Manipulating DataFrames with pandas</i>	Cairo, EG 2017–2018
DataCamp <i>Merging DataFrames with pandas</i>	Cairo, EG 2017–2018
DataCamp <i>Network Analysis in Python (Part 1)</i>	Cairo, EG 2017–2018
DataCamp <i>Machine Learning with the Experts_ School Budgets</i>	Cairo, EG 2017–2018
DataCamp <i>Supervised Learning with scikit-learn Course</i>	Cairo, EG 2017–2018
DataCamp <i>Unsupervised Learning in Python Course</i>	Cairo, EG 2017–2018
DataCamp <i>Deep Learning in Python</i>	Cairo, EG 2017–2018

Tracks.....

DataCamp <i>Python Programming</i>	Cairo, EG 2017–2018
DataCamp <i>Python Programmer</i>	Cairo, EG 2017–2018
DataCamp <i>Importing Cleaning Data with Python</i>	Cairo, EG 2017–2018
DataCamp <i>Data Manipulation with Python</i>	Cairo, EG 2017–2018
DataCamp <i>Data Analyst with Python</i>	Cairo, EG 2017–2018
DataCamp <i>Machine Learning with Python Track</i>	Cairo, EG 2017–2018
DataCamp <i>Data Science</i>	Cairo, EG 2017–2018
Udacity, ITI <i>Android Fundamentals</i>	Cairo, EG 2016

Activities

Masabeeh <i>Charitable NGO, Organizing weekly meetings for kids in Masr Gedida</i> Prepare workshops of games and help them with school. on other hand teach them to spell and write.	Cairo, EG May 2016–2017
Math Teacher <i>Voluntary Education, Providing Education for kids from rural areas</i> Teaching Math for fifth primary students. Teaching English for second primary students.	Cairo, EG Sept–Dec 2015
APE (Association for Protection of Environment) <i>Culture Awareness Charitable NGO, Organizing camps for kids from rural areas</i> Prepare workshops that teach them some crafts. Give presentations about: culture awareness, selfSteem, goals and human development.	Cairo, EG 2013–2015

EASE

Cairo, EG

Educational Charitable NGO, Organizing camps for High School Students

Jan 2012–May 2012

Role: Presenter. To Educate the High School Students more about life experiences and prepare them to face the future.