

# George Messiha

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## Resume Viewer

June 16, 2021

Dear Sir or Madam,

With a Bachelor's degree in Information Engineering Technology and hands-on experience using Python languages to create and implement software applications, Confident I will be an asset to your projects and team.

Enjoy being challenged and engaging with projects that require me to work outside my comfort and knowledge set, as continuing to learn new languages and development techniques are important to me.

Your listed requirements closely match my background and skills. A few I would like to highlight that would enable me to contribute to your bottom line are:

- \* Highly skilled in designing, testing, and developing software.
- \* Managing high performance and scalable Applications.
- \* Certified in MicroServices Design Thinking (SkillSoft), DevOps Foundation (PeopleCert), Data Science (datacamp), Deep Learning (Udacity), Data Analytics(Udacity).
- \* Helping and collaborate with team member for self-development and gaining knowledge.
- \* Thorough understanding of data structures and algorithms.
- \* Knowledgeable of back-end development best practices.
- \* Bussiness oriented features to development and production phase.
- \* Hands-on software troubleshooting experience.

I can find myself suitable with your technical requirements, also improving myself in all fields, to be aware with cutting Edge technologies and soft skills required/necessary for nowadays market. trying to build more suitable environment and career success.

Proven track record of proper documentation for future maintenance and upgrades. A copy of my [Summarized resume](#) attached, ([detailed resume](#)) that details my experience in software development.

You can reach me anytime via my cell phone or via email. Thank you for your time and consideration. looking forward to speak with you about the opportunity.

Sincerely yours,

**George Messiha**

*Attached: curriculum vitae*

# 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:

- 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 Heroku Infrastructure

### Trella

Cairo, EG

#### Senior Software Engineer, Fulltime

Mar 2021–June 2021

Building Platform to connect Shippers to carriers. empowering drivers, improves their efficiency, boosts their earnings and utilization as well as provide job opportunities. reducing costs for shippers, introduce a transparent pricing structure, provide them with a more reliable source of carriers while allowing them to track their shipments in real-time as well as report key insights on their transportation trends and performance.

Detailed achievements:

- Help the backend and analytics teams to conclude and perform their daily tasks, also introduce new technologies and methodologies to the team.
- Data modeling, system architecture, Microservices patterns to build.
- Tools: .NET Core, PostgreSQL, Golang, GearBox, Jira, Continuous Integration, Continuous Delivery, Docker, Docker-Compose, Linux, Scrum, Agile DevOps framework

### 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)

### 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:

- 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:

- 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

Cairo, EG

#### Sales & Representative Engineer Trainee

Aug 2014

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.

## 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:** 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

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

## Activities

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### Masabeeh

Cairo, EG

*Charitable NGO, Organizing weekly meetings for kids in Masr Gedida*

May 2016–2017

Prepare workshops of games and help them with school. on other hand teach them to spell and write.

### Math Teacher

Cairo, EG

*Voluntary Education, Providing Education for kids from rural areas*

Sept–Dec 2015

Teaching Math for fifth primary students. Teaching English for second primary students.

### APE (Association for Protection of Environment)

Cairo, EG

*Culture Awareness Charitable NGO, Organizing camps for kids from rural areas*

2013–2015

Prepare workshops that teach them some crafts. Give presentations about: culture awareness, selfSteem, goals and human development.

### 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.