

# George Messiha

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## 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

## Experience (4+ Years)

### Orange Business Services

Cairo, EG

#### Senior Software Engineer

Sep 2018–Present

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

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

Feb 2017–Jun 2017

## Skills

**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

## Languages

**Arabic:** Native

**English:** fluent

Professional working proficiency

**Deutsch:** Basic

Basic words and phrases only

## Certificates & Awards

### 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