

# 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 (5+ Years)

### Trella

Cairo, EG

#### Senior Software Engineer, Fulltime

Mar 2021–Present

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)

### BlueCloud Technologies

Cairo, EG

#### Software Engineer, Fulltime

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, Continuous Delivery, Fabric8

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

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

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

## Languages

**Arabic:** Native

**English:** fluent

**Deutsch:** Basic

*Professional working proficiency*

*Basic words and phrases only*

## Certificates & Awards

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### **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**

*Data Scientist*

**Cairo, EG**

*2017–2018*