George Messiha

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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*

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, Dcoker-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*