Mina Maher Zekry

10th of Ramadan City,

Egypt

(+20) 109 6636 593

minamaher30697@gmail.com

LinkedIn | GitHub

Work Experience

Aug 2020 - Present	**Sr. DevOps Engineer at _VOIS**

Provisioning and managing Google Cloud platform and Azure for various local markets (Clients) of Vodafone.

- Created Terraform modules whenever required and enhanced the existing modules to be able to reuse them in different projects.
- Provision GCP project platform as per template from terraform (Infra as a Code).
- Created pipelines to automate manual tasks and to make the work easier.
- Created the Integration between GCP projects with Azure Open AI.
- Created pipelines to help the ML team to get secure packages and images.
- Automate the infra creation and monitoring it.
- Helped the Architect to create the cloud architecture and tools decisions

Education

2019 - 2020	9-month diploma - Cloud Platform Development Track, Information Technology Institute (ITI), Ministry of Communications and Information Technology (MCIT)
2015 - 2019	Bachelor's Degree, Computer Science Department, Faculty of Computers and Information (FCI), Zagazig University Grade: Very Good.

Skills

DevOps	AWS/GCP/Azure, Docker, Kubernetes, Jenkins, Ansible, Terraform, Helm, Argo workflow, Prometheus, Grafana, ELK,
Programming Languages	C/C++, Java, JavaScript, Bash, Python, Go
Technologies	Node.js, Django, React, MySQL, NoSQL, Git
Problem Solving	Strong knowledge of many data structures and algorithms. Solved +700 programming problems on different online judges. Participated in various online contests such as Google CodeJam, Hashcode, Facebook Hackercup, and Codechef SnackDown.

Certifications

- **Cloud DevOps Engineer - Udacity**

Projects

- **MC2 (Minimum Capability):** project for migrating on-premises data processing and dashboard requirements to GCP. Provisioned multiple projects for different local markets using terraform (IaC), Automated datafusion namespace creation using Jenkins. Reduced the cost by centralizing the core components for all markets.

- **AI Booster:** created terraform modules to be used to create ML projects at any time, automated a way to have secured packages and images stored in place to be used by all projects, created custom terraform resources that have extra features that not supported by the current resources which is provided by terraform, created the integration

- **Kubeflow on Kubernetes**: I was responsible for installing and managing kubeflow on kubernetes cluster and was responsible for creating profiles and managing the notebooks parameters for the ML/DS team.

Activities

- **Competitions**
  - **ACM Zagazig Collegiate Programming Contest (ZagazigCPC) 2018** – 1st place
  - **ACM Egyptian Collegiate Programming Contest (ECPC) 2018** – 51st place
  - **ACM Arab Collegiate Programming Contest (ACPC) 2018** – 73rd place

- **Volunteer Work**
  - **FCI Zagazig Coach**: Helping FCI Zagazig students improve their problem solving and algorithmic skills.