

Mohamed Karam Al-gamal


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Military: Completed the military service as an officer

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Summary & Accomplishments

I'm a DevOps Engineer specialized in tasks automation, CI/CD pipe-lining, software deployment, containerization, virtualization, Well-versed in development using python with 1-year of experience in linux administration, over 360 hours of upwork freelancing, 150+ clockify hours, more than 5 projects and seeking a DevOps position in a supportive environment where I can provide benefits of my knowledge and learn new technologies.

Experience

Since December 2020 **Remote part-time System administrator in Egrina Technologies**

Role: freelancer

Responsibilities: Deployment of software applications like CATTR for time tracking , Dokuwiki for creating wikis, Passbolt for password management and Development of passeg password manager, configuration of ESXI server with OPNsense firewall

From December 2019 to June 2020 **Full time in Egrina Technologies** Sheikh Zaied

Role: System administrator

Responsibilities: Deploy, maintain, troubleshoot software systems on Ubuntu servers, configure firewall rules, deploy docker images and nginx web servers

From August 2018 to September 2018 **Cyber Security summer training in ITI Smart Village**

Intro to cyber security & windows server administration, Cisco networking devices, switching, routing, security concepts

Education

November 2019 **Cyber Security internship in NTI Smart Village**

August 2019 **Bachelor's degree in Electronics Engineering** Faculty of electronic engineering (Computer Science & Engineering Department) Menofia University

Grade: Good

Graduation project: Bracelet to monitor human viral functions

Extracurricular Activities

2016 **Organizer of The 7th control exhibition in FEE**

2015 **Team Leader in Robotics transporter competition FEE**

From 2014 to 2017 **Students' Union FEE** Improved my work efficiency

Technical skills

Automation Tooling CI/CD Pipe-lining by Jenkins & IAAC using Ansible, Terraform and scripting using Bash, Groovy & Python

Programming "Python" for software development, task automation, API development, communication programming, "Flask" web development, "Groovy" and "Bash Scripting"

Containerization & cloud hosting Docker, Docker-compose, K8s, Digital Ocean, AWS and Linode

Software deployment NGINX, Apache, Nexus, PostgreSQL & Mongo-db, pgAdmin & Mongo-express, CATTR for time tracking , Dokuwiki for creating wikis, Passbolt for password management and Open bank project, a banking api

Source Control Git: github, gitlab and CodeCommit

Build tools and package managers Maven, Gradle, Nodejs, Npm, Yarn and CodeBuild build tools and their package managers and apt, pip, Docker Hub and Help

Freelancing 360+ hrs on Upwork & 150+ hrs on Clockify

Virtualization VMware workstation, VMware ESXI, Virtualbox and Vagrant VM provisioning

Security Squid proxy, OPNsense firewall, Iptables rules, Local & LDAP authentication and Open-ssl for secured communication

Penetration testing Experienced with Metasploit

Linux Experienced with Debian based distributions like Ubuntu, Kali Linux and its tools for pen testing

Cisco appliances and packet tracer Experienced with network simulation, design and troubleshooting

Language

Mother-tongue Arabic

English Good English speaker