







Mohamed Khaled Ahmed Ramy

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Profile

Junior **Devops Engineer** and **System Administrator** graduated from the Information Technology Institute (ITI) (9-month diploma) in the System Administration Track. Certified in RHCSA®. Experienced with Excellent Troubleshooting, debugging, and problem-solving skills, Skilled in Linux administration, Docker, Kubernetes, Terraform, and CI/CD tools like Jenkins. Strong background in cloud infrastructure, troubleshooting, and automating deployment pipelines. Eager to apply my expertise, tackle new challenges, and grow in a dynamic IT environment.

Education

10/2024 – 06/2025	Information Technology Institute (ITI) ITI System Administration 9-month track	Alexandria, Egypt
09/2017 – 07/2022	Faculty of Engineering, Alexandria University Bachelor's Degree in Electrical Engineering (Communications & Electronics) grade : very good Graduation project: Vanet (Vehicular Ad Hoc Network) Communication between vehicles and road to improve road safety. Grade: Excellent	Alexandria, Egypt

Work Experience

- **Freelancer Fullstack Programming Freelance Websites 2020 khamzat.com**  : team member in restaurants website (**Flaverose.com** ) programming websites for hotels booking website in Oman (**mbeetoman.com** )
- **Pyramakerz Technologies company 2024**

Technical Skills

DevOps

- Kubernetes ▪ Docker ▪ Openshift
- AWS ▪ Terraform.
- Jenkins ▪ Ansible
- SonarQube ▪ Argocd
- Prometheus ▪ Grafana
- Git ▪ Agile

Network & IT skills

- CCNA 200-301
- introduction to CCNP
- Routing, Switching, LAN/WAN

System Administration

- Linux Administration (I - II) ▪ Bash Scripting
- VMware and vSphere ▪ Windows servers
- Apache and Nginx ▪ Python Scripting
- Clustering & High Availability (Linux)

Database Administration

- Oracle Database Administration(WorkshopI,II)
 - SQL & PLSQL.
- ### programming
- frontend (html - css - js)
 - backend (php-mysql-nodejs)

Certificates

RedHat Certified System Administrator RHCSA (EX200)

▪ Red Hat Certified System Administrator (RHCSA) Certification ID: 250-047-966

Issued Apr 2025 · Expires Apr 2028

HUAWEI Cloud Developer HCCDA Tech Essentials Certificate

▪ HUAWEI Cloud Developer HCCDA Tech Essentials Certificate No. HWDCTEDA953364

Issued jan 2025 · Expires jan 2028

AWS Certified Cloud Practitioner — In progress

Certified Kubernetes Administrator (CKA) — In progress

Projects

DevSecOps Pipeline [↗](#)

- Built a secure CI/CD pipeline for a three-tier app using Jenkins, Docker, Kubernetes, SonarQube, and Trivy.

LAMP stack as a code [↗](#)

- Automating the deployment of LAMP Stack using Ansible
- Automating the provisioning of the infrastructure on AWS using Terraform

WordPress Deployment Project — Ansible on AWS EC2 [↗](#)

- Automated the full deployment of WordPress on AWS EC2 instances using Ansible playbooks for scalable and reliable provisioning.
- Created efficient Ansible playbooks to install and configure Apache, PHP, MySQL, and deploy WordPress.

High-Availability Web Server with Load Balancer & Monitoring using bash script

- Used Bash scripts to set up Apache servers with Nginx load balancer and monitoring via cron jobs.

MCSA Infrastructure Project [↗](#)

- Set up LAN, AD, DNS, DHCP, and automated system services with WSUS, WDS, and RODC.

Language skills

- Arabic – Native
- English – Intermediate

Volunteering Activities

- Ramadan Iftar at faculty of Engineering Alexandria university 2022
- EED - Electrical engineering department participant 2021