Abdelrahim Badr Abdelrahim
DevOps Engineer

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🛡 *emporar" E emp#ed

OBJECTIVE

Appl"ing e per#ise in embedded s"s#ems+ , in- + and programming #o a .-nior DevOps Engineer posi#ion+ con#rib-#ing #o #he developmen# o/ scalable a-#oma#ion pipelines and #he s-ppor# o/ rob-s# clo-d in/ras#r-c#-re.

EXPERIENCE

DEPI DevOps Track 6-Month Scholarship	0)&2020 1 12&2020
Digi#al Eg"p# 2ioneers 3ni#ia#ive+ Ale andria $ranch	Ale andria+ Eg"p#

- 4ained hands!on e perience in , in- s"s#em adminis#ra#ion+ incl-ding con/ig-ra#ion+ and #ro-bleshoo#ing.
- A-#oma#ed deplo"men# #as(s -sing Ansible+ red-cing man-al se#-p #ime b" 506.
- 7on#aineri8ed applica#ions ' i#h Doc(er+ ens-ring consis#en# environmen#s across m-l#iple #eams.
- **Top Skills:** , in- ⑨ $ash ⑨ Ansible ⑨ Doc(er ⑨ : -berne#es ⑨ ; ersion 7on#rol ⑨ .en(ins ⑨ 2rome#he-s ⑨ A< =

IT (Information Technology) Intern	07&2025 1 08&2025
2>= ?pe#role-m >arine =ervices@	Ale andria+ Eg"p#

- Applied s#rong problem!solving s(ills #o resolve 00+ 3* s-ppor# #ic(e#s+ red-cing s#a// do' n#ime b" 106 and ens-ring e//ec#ive -ser comm-nica#ion.
- Assis#ed in con/ig-ring sec-re ne#' or(s+ improving connec#ivi#" /or 3 depar#men#s.
- *oo(ini#ia#ive #o develop $ash&2"#hon scrip#s #ha# a-#oma#ed repe#i#ive #as(managemen#+ saving #he #eam 0+ ho-rs ' ee(l".
- **Top Skills:** , in- basics ⑨ ne#' or(ing /-ndamen#als ⑨ 4 i#&version con#rol ⑨ scrip#ing ?$ash&2"#hon@ ⑨ #ro-bleshoo#ing ⑨ sec-ri#" a' areness.

PROJECTS

Containerize Web App With Docker	07&2020 1 07&2020

- 7on#aineri8ed a Alas(app ' i#h Doc(er+ c-##ing deplo"men# #ime /rom 30 mins #o 0 mins.
- 3mplemen#ed Doc(er 7ompose /or m-l#i!con#ainer se#-p+ improving scalabili#" /or 100+ conc-rren# -sers in #es#ing.
- Aoc-sed on con#aineri8a#ion+ isola#ion+ and ease o/ deplo"men#.

Automated Node.JS Deployment Using Ansible	0)&2020 1 0)&2020

- < ro#e Ansible pla"boo(s #ha# a-#oma#ed 906 o/ Bode.(s deplo"men# s#eps+ ens-ring consis#en# environmen#s across 2+ servers.
- Ded-ced con/ig-ra#ion errors b" 306 compared #o man-al se#-ps.
- *arge#ed m-l#iple ?Eb-n#-&DedFa#@servers sim-l#aneo-sl".
- Emphasi8ed con/ig-ra#ion managemen# and in/ras#r-c#-re as code.

Graduation Project	09&2025 1 0)&2020

DMS (Driver Monitoring System)

- Designed and deplo"ed an A3!based D >=+ achieving 906 driver /ace de#ec#ion acc-rac" in #es#ing.
- 3mplemen#ed #' o developmen# approaches%=o/#' are!in!#he!, oop ?=3, @/or sim-la#ion and #es#ing+ and EdgeA3 =#-dio
- $-il# Goc#o&$-ildroo# , in- images op#imi8ed /or >323 7=3!2 camera+ red-cing boo# #ime b" 206.
- Applied #eam' or(and planning s(ills ' i#hin an 8!person #eam+ -sing Agile =cr-m me#hodolog"+ *rello+ and Discord ' hich led #o achieve 1006 sprin# deadline comple#ion.

EDUCATION

Bachelor of Electronics and Communication Engineering

10&2020 1 07&2020

Alexandria University

Ale andria

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SKILLS

Programming
- 7
- 7++
- 4olang

System Administration
- , in-
- < indo' s

Configuration Managment
- Ansible

CI/CD
- .en(ins
- 4i#h-b Ac#ions

Scribting
- 2"#hon
- $ash

Cloud Platforms
- A< =

Version Control
- 4i# H 4i#h-b

Soft Skills
- Agile >e#hodolog"
- *eam' or(
- 2roblem!=olving
- 7omm-nica#ion
- 3ni#ia#ive
- *as(>anagemen#
- Ale ibili#"
- 7ri#ical *hin(ing
- A##en#ion #o De#ail

Containerization & Orchestration
- Doc(er
- : -berna#es

Infrastructure as a Code (IaC)
- *erra/orm

Virtualization
- ; >' are

CERTIFICATIONS

- F 7?A 7lo-d ?58 hrs+ Oc# 2020@+ F -a' ie 🔗
- .en(ins 2iplines ?.-l 2020@+ : ode: lo-d 🔗
- : -berne#es ?.-l 2020@+ : ode: lo-d 🔗
- =hell =crib#ing ?>a" 2020@+ : ode: lo-d 🔗
- 4i# Aor $eginners ?>a" 2020@+ : ode: lo-d 🔗
- , in- Admin1 ?9 hrs+ >ar 2020@ >ahara *ech 🔗

- , in- Admin2 ?15 hrs+ =ep 2020@ >ahara *ech 🔗
- .en(ins Aor $eginner ?.-l 2020@+ : ode: lo-d 🔗
- Doc(er ?.-n 2020@+ : ode: lo-d 🔗
- DevOps 2rerel -esi#es ?>a" 2020@ : ode: lo-d 🔗
- Ansible ?>a" 2020@+ : ode: lo-d 🔗
- , in- Essen#ials ?8 hrs+ =ep 2025@ >ahara *ech 🔗

LANGUAGES

Arabic
Ba#ive

English
Al-en#