Khaled **Awad** Software Engineer | AWS Certified Solution Architect

in khaledbnmohamed

khaledbnmohamed

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♀ Alexandria, Egypt

☑ Website

I'm introduced as a Cloud Engineer | Software Engineer | Backend developer | ReactJS on rails developer but I'd like to introduce myself as an SDE who is looking to build something that makes people's easier or at least something eventually I'd be proud of



EDUCATION

2019

B.S.c in Computer and Communications Engineering

> Faculty of Engineering, Alexandria University - GPA: 3.1

Professional Experiences

April 2021

Cloud Engineer | Rackspace Technology, ALEXANDRIA-Egypt

> AWS Certified Solution Architect

- > Writing infrastructure as code using CF and terraform for multi-region fault tolerant systems
- > Working on Building and maintaining Highly Available and Scalabe Infrastructure
- > Writing Automation scripts for services like EC2,ECS,EKS

AWS Terraform CloudFormation TaaC SSM

April 2021 August 2019

Software Engineer | eSpace, ALEXANDRIA-Egypt

- > Develop multiple optimized high performing pilot projects projects using backend Rails and Frontend ReactJS and PostgreSQL for the Database
- > Analyzing, monitoring and optimizing live projects using monitoring tools like New Relic and Sentry Ruby on Rails | ReactJS | Hooks | Rspec | react-testing-library | PostgresQL | Jenkins | RSpec | Jest | Docker | Redis



📑 Technical Skills

Programming Languages Ruby, Python, (C#), JavaScript, PHP, C

> Frameworks Rails, ReactJS NodeJS, Laravel, Bootstrap, Keras

AWS, Jenkins, Jira, Sentry, Unity3D, VSCode, Atom, git **Development tools**

Databases MySQL, PostgreSQL, DynamoDB

PROJECTS

- * Memes Messenger Chatbot
- JAN 2019 CURRENT
- khaledbnmohamed/YourVirtualBuddyChatbot
- Live app FB messenger
- M Facebook Messenger chatbot that uses Imgur API and sends you your daily dose of memes

NodeJS NLP APIs DialogFlow Heroku PostgresSQL

- * COLDPLAY AR WORLD
- JAN 2019 FEB 2019
- khaledbnmohamed/Coldplay-AR-Video-Experience
- ✓ More details

AR based on Vuforia Unity app shows music videos for coldplay. using "on-cloud" videos and local storage.

Unity3D | ARCore | Vuforia | Augmented Reality

PUBLICATIONS

* [ACADEMIC RESEARCH] HADITH VERIFICATION BLOCKCHAIN Nov. 2020 - Jan 2022

khaledbnmohamed/hadith-blockchains

Build a Hyperledger Fabric blockchain that stores unique versions of Prophet Mohamed PBUP in a private distributed ledger

Blockchain Hyperledger Fabric NodeJS

* [PAPER] BUILDING YOUR KINGDOM: IMITATION LEARNING FOR A CUSTOM GAMEPLAY IEMCON 2019 - 17 OCTOBER 2019

☑ DOI: 10.1109/IEMCON.2019.8936134

Building a personalised gaming experience with a reinforcement learning brain on the top of Imitation Learning Brain

ML Imitation-Learning Reinforcement Learning

EXTRA-CURRICULAR EXPERIENCES

2016 Facilitator | EYouth "Social entrepreneurship organization", EGYPT

> EYouth organize annual competition for ideas and regular camps in different governates across Egypt.

Mechanical Team member | "Let's Make a Robot" competition, ALEXANDRIA UNIVERSITY 2016

> Designing a light weight, small size rescue robot, making sure it fits the competition standards.

Trainer | Shift network (Euro-Arab youth Initiative), ALEXANDRIA 2014

> \(\text{Gave several sessions within projects related to culture diversity, youth empowerment.} \)