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Yahya Mohand Isam

Linkedin
Github

Education

Bachelor's degree in Technical Computer engineer   Oct 2017– Jul 2021
top 10% of my class   Nineveh, Iraq

AWS Solution Architect Associate Certified

Professional Experience

Software Engineer at Mosul Space   Sep 2021 - Feb 2023

- Management System for Mosul Space using React and Nodejs (MySQL).
- Mosul Space main dashboard that controls all data in the platform.
- multiple training for a community like Deep learning, Python Training, Linux and Raspberry pi.
- Help Mosul Space community in Mosul with programming topics like artificial intelligence and Machine learning through workshops and hands-on projects.

Technical Lead AWS re/start program   Mar 2022 – Present

- I'm AWS re/Start Accredited Instructor - Credly
- Trained 26 participants about Amazon Web Services within AWS re/Start for 12 Weeks, 8 h/day to develop unemployed individuals to start their careers.
- Mentored and evaluation of participants' hands-on lab during the program.
- prepared participants on AWS certification and how to be ready for the exam.
- Certified 70% of participants as AWS Certified Cloud Practitioner at the end of the program.

Side Project

AI and ML projects (Contract)   Jan 2022 – Aug 2022

- Andalusi: Mobile app for post and card designers, I worked with this company to implement a model using artificial intelligence (TensorFlow CNN) for removing image backgrounds.

Sep 2022 - Jan 2023

- Falaq: is an Iraqi online sales platform startup that connects pharmacies with drug stores. I implemented a model using (RNN) to predict future sales for each item in the next months to help drug stores make the best decision when buying items.

Freelancer   Oct 2021 – Present

- Alnahla Group Website for pharmaceutical companies for the trade of medicinal materials.
- Natural language processing (NLP), This project analyzes large amounts of natural language data (arabic song).
- Convolution neural network (CNN) to distinguish between many things.
- Data Science, Analysis of recipes for German food.
- Recurrent neural network (RNN) for prediction about the effect of solar cells.
- Create Model using TensorFlow to distinguish between Olive tree (diseases, dead, healthy) and deploy it in Raspberry pi 4 (arm64) using TensorFlow Lite.
- Robotic car using javascript and tensorflow.js. Can control the car by using a gesture face (if the head tilts to the right, the car will follow its direction).

Technical Skills

- **Programming language**: Expert with Python,Familiar C++ and Javascript.
- **Framework and Libraries**: Pandas, Numpy, Matplotlib, TensorFlow, scikit-learn.
- **Other**:Machine learning and deep learning,Fastapi, Mysql, PostgreSQL,Cloud computing, docker, nginx, load balancer, auto scaling group Automation with CloudFormation, Optimize Utilization EC2, Migrate to Amazon RDS, Monitoring Infrastructure, Git.

Training Certificates

1. Tools for Data Science by Coursera.(25 hours).
2. Deploy Models with TensorFlow Serving and Flask by Coursera.
3. DeepLearning.AI TensorFlow Developer Specialization by Coursera.
4. AWS Machine Learning Engineer by Udacity