

## Education

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Bachelor's degree in Technical Computer engineer  
top 10% of my class

Oct 2017– Jul 2021  
Nineveh, Iraq

[AWS Solution Architect Associate Certified](#)

Aug - 2022

## Professional Experience

**Software Engineer** at Mosul Space

Sep 2021 - Present

- Implemented Management System for Mosul Space using React and Nodejs (MySQL) .
- Implemented Mosul Space main dashboard that controls all data in the platform.
- Giving multiple training for 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.

**AI and ML projects (Contract)**

Jan 2021 – Present

- Andalusi: Mobile app for post and card designer, I worked with this company to implement a model using artificial intelligence (TensorFlow CNN) for removing image backgrounds.
- 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 next months to help drug stores make the best decision when buying items.

**Freelancer**

Oct 2019 – 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 such as (fruits, animals).
- 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.
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## 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](#)
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