

## WORK EXPERIENCE

Mechanical Engineer - Internship

Tracland

📅 Aug 2024 - Oct 2024

📍 Egypt, Alexandria

Software Engineer

Arnell GmbH

📅 Jun 2024 - Jul 2024

📍 Germany, Munich

Software Engineer

Avi Medical

📅 Oct 2022 - Sep 2023

📍 Germany, Munich

- Increased the **profit** by **€100K / clinic** by gathering **Requirements, Planning , Designing , Managing, Implementing , and Operating** the HzV program in **< 1.5 months (finished before the deadline)**.
- Worked on **10 design documents** (From System Architecture to project planning and implementation details), **Full-Stack & DevOps** development tasks.

Integration Manager

FlixBus

📅 July 2021 - Sept 2022

📍 Germany, Munich

- Managing Projects** of business process automation and Systems Integration.
- Responsible** for Evaluation of External Software services.

Software Engineer

EGYM GmbH

📅 Dec 2019 - Jun 2021

📍 Germany, Munich

- Full Stack** Developer & related projects **DevOps**.
- Managing Projects** for designing, developing and testing of business process automation and Systems Integration helped in automated unnecessary work and **cutting the costs** for the company by **25%**

Azure

Google cloud

Angular

Spring

Docker

Kubernetes

Software Engineer

Pixelogic Media

📅 Jan 2019 - Nov 2019

📍 Egypt, Cairo

- Full Stack** Development for media industry: **translation and localization & media asset management**.

AWS

ReactJs

Vue.js

Spring

Django

Postgresql

Jenkins

Docker

Kubernetes

Junior Software Engineer

Bibliotheca Alexandrina

📅 Sep 2017 - Dec 2018

📍 Egypt, Alexandria

- Improved the **performance** of the **ticketing system** by **80%**.
- Managing** the development of 3 parts of the internal website used for personnel: **Bulletin Board, Dynamic Organizational Diagram ,** and the website shell structure.
- Financial and HR processes automation.

.NET

C#

Windows server & IIS

MS SQL

Oracle

Sharepoint

## EDUCATION

MBA

Edinburgh Business School

📅 since May 2024

BSc. Aerospace

Technical University of Munich

📅 since Oct 2023

BSc. Computer & Systems Eng.

Faculty of Engineering AU

📅 Sep 2012 - Jun 2017

- MSc. Course-Work:** Fuzzy Logic and its Engineering Applications, IOT, Digital Image Processing, Computer Vision, Pattern Recognition, Machine Learning, Machine Learning for Embedded Systems.

## SKILLS

Programming Languages

- DART, JAVA, C#, C/C++, PYTHON, Matlab.

Web Technologies

- HTML5, CSS3, JS, TS, React, Vue.js, Angular, Spring, Django, AWS, GCP, Azure, REST, Docker, k8s, MYSQL, Postgresql, flutter.

General Knowledge

- SAP, Salesforce, Oracle Business Suite, Oracle ERP, Big Data analytics, MS Office, Git.

Source Control

- Git, TFS.

CAD

- Solidworks.

## LANGUAGES

German

English

French

Arabic

B2

C2

A1

Native