# Ahmed **Abdin**

## SUMMARY

Persistent and highly motivated developer with a flair for programming and data analysis. Looking to learn and engage in a thriving and fast-paced environment where excellent Problem-solving skills will be utilized and appreciated.

**Portfolio**


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## EDUCATION

Bachelors in **computer science**
*09/2018 – 01/2023*, *GPA: 3.1*
**University of Bahrain, Bahrain**

## CERTIFICATES

- **Deep Learning Specialization,** Coursera
- **Google Data Analytics Specialization,** Coursera
- **Google IT Automation with Python Specialization,** Coursera

## EXPERIENCE

**BConnect Internship**
*7/2022 – 8/2022.* **Manama**
- Customizing ERP systems (Odoo)

## PROJECTS

**Ongoing: Blazor E-Commerce (using .Net)**

**Company Portfolio (using Next.js)**

**Problem:** Online presence for the company and what they do.
**Solution:** An iconic static website for the company.
**Environment:** Visual studio code, React developer tool, Lighthouse.
**Tools used:** React, Framer motion, Tailwind, Next JS 14, Vercel, Resend(Sending emails service).
**Techniques:** Next JS App routing, Transition effect.

**Pro Shop (E-Commerce website using MERN stack)**

**Problem:** Manage store products and make them available online for customers to purchase.
**Solution:** An E-Commerce website with two roles: Admin and user/customer, allowing payment via PayPal.
**Environment:** Visual studio code, Postman, MangoDB Campass.
**Tools used:** React, React-Bootstrap, Redux, Express, MangoDb Atlas 7.0, Render.
**Techniques:** RESTful API, CRUD operations, State Mnagament, JWT (JSON Web Token), Server Cookies.

**Art Mixer website**

**Problem:** Mixing two images.
**Solution:** 3D Website, Artificial intelligent model that can mix two images.
**Environment:** Visual studio code, vercel, pythonAnyWhere, Google Colaboratory (Colab), blender.
**Tools used:** react, react-three-fiber, numpy, tensorflow, cloudinary, Flask.
**Techniques:** Microservices, Neural Style Transfer (NST).

**Safe Distance app**

**Problem:** During COVID-19, Measure the safe distance (2 meters) using the camera phone.
**Solution:** Android Application, Website.
**Environment:** Android Studio, Visual studio code.
**Tools used:** ARCore, CameraX, MLKit, OpenCV, Flask, TensorFlow hub.
**Techniques:** Augmented reality, computer vision, Camera API, Android lifecycle, memory management, synchronize processing, human pose detection.

**Toxic Tweets Detector**

**Problem:** Classify positive and negative (toxic) Twitter tweets.
**Solution:** Machine learning model
**Environment:** Google Colaboratory (Colab)
**Tools used:** numpy, Sdkit-learn, Panadas, Matplotlib
**Techniques:** Cleaning data (removing stop words and lemmatizing), Term Frequency-Inverse Document Frequency (TF-IDF), - Multinomial Naive Bayes, Linear Support Vector Classifier, and Logistic Regression