

# 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](#)



**PHONE**  
+973 3453 3638



**EMAIL**  
ahmed.g.abdien@gmail.com

## 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

### 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.

### Blazor E-Commerce (using .Net)

**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 **Stripe**.

**Environment:** Visual studio 2022, SQL Server 2022, SSMS (SQL Server Management Studio) 19.1.

**Tools used:** Blazer pages, Bootstrap, Swagger UI, Entity Framework.

**Techniques:** RESTful API, CRUD operations, Service Design Pattern, JWT (JSON Web Token).

### 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, MongoDB Compass.

**Tools used:** React, React-Bootstrap, Redux, Express, MongoDB Atlas 7.0, Render.

**Techniques:** RESTful API, CRUD operations, State Management, 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, Pandas, 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