Ali Shaikh Husain

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Skills:

- **Frontend:** React, Tailwind CSS
- **Backend:** Node.js, RESTful APIs, MongoDB, Mongoose
- **Languages/Frameworks:** Python, Pandas, NumPy, PyTorch, FastAI, Scikit-learn, Flask
- **Mobile Development:** Flutter, Ionic, Angular, TypeScript
- **Other:** C++, Dart, HTML, CSS, JavaScript, PHP, Git
- **Databases:** NoSQL, SQL
- **Languages:** Arabic (Professional Proficiency), English (Professional Proficiency)

Education:

- **College of Information Technology – University of Bahrain**
  - **B.Sc. in Computer Science**
  - **Academic status:** Excellent
  - **Expected Graduation:** June 2025
- **Udemy Courses:**
  - **Flutter, React, Node.js, The MERN Stack**
- **Deep Learning Course:**
  - **FastAI** (taught at the **University of Queensland, Australia**)
- **Machine Learning Course:**
  - **Scikit-learn (Sklearn)** (learned via **freeCodeCamp**)

Work Experience:

- **Talabat delivery person – 2021**
  - I was responsible for accepting food orders, taking them, delivering them.
- **Voluntary Work in Malaysia – 2018**
  Engaged in diverse activities, including painting an elderly home, participating in activities with old people, distributing food to the homeless, and exploring Malaysian culture. Achieved **first place as a team** in a forest adventure challenge.
- **Mahd_alazhar_kg – 2020/2021**
  - Photography & Videography related work
  - Logistical planning for events done by the kindergarten.

Projects:

1. **Senior Project:**
   Developed a **real estate listing system** leveraging various **AI models** to transform the real estate market from a closed market to an open, accessible market. Implemented as a

web application following the **3-tier architecture** inspired by the **MVC design pattern**. Utilized **React** for the frontend, **Node.js** for the backend, and **MongoDB** as the database.

2. **Price Prediction Model:**
   Integrated into the **senior project**, this model was designed and built as an **ensemble of AI models** to predict real estate prices with improved accuracy. Demonstrated expertise in **machine learning**, **data analysis**, and advanced predictive modeling techniques.

3. **Collaborative Filtering Model:**
   Implemented a **deep learning-based collaborative filtering Movie recommendation Deep Learning model** to enhance personalized recommendations.

4. **Flight Ticket Price Predictor:**
   Developed a system that predicts **flight ticket prices** using an **ensemble of models**, demonstrating proficiency in predictive modeling and ensemble techniques.

5. **Exhibition App:**
   A project done for ITCS444 course, using ionic/angular, typescript technologies. In this project, I was responsible for the homepage view across the 3 user roles (admin, client, and attendee) as well as the accept/reject hall request functionality of the admin. Additionally, I was responsible for the animations and for the design of the data structure of the halls Collection in firebase.