

Youssef Mohamed Tawfik

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Education

- **INTI International University** Nilai, Malaysia
BCS in Software Engineering Dual Degree with Coventry University UK Expected Graduation: December 2022
 - CGPA (Aug 2021): 3.54
 - Dean's List (Aug 2021): 2 Semesters
- **Saint Fatima International School (British Division)** Cairo, Egypt
 - A-levels: Math, Physics
 - O-levels: Economics(A*), Physics(A), ICT(A), Biology(A), Math(B)

Experience

- **Front-end Development team training in Etisalat Misr** 12/2021 - 1/2022
Worked closely with the front-end team while working on the Etisalat online shop new UI/UX design. I was assigned tasks to create the Etisalat sport responsive app design using HTML, CSS, and Bootstrap. Lastly, I was introduced to Ionic framework and applied it to Etisalat sports UI.
- **Technology Consultant at Refera Care startup** 02/2022 - present
The position's scope is to build the company's technology infrastructure from scratch. My job is to oversee technology decisions and develop the automated solutions the company will offer. Projects ongoing are a Web application for data collection and research purposes, a web application for the company's internal communications, a mobile application for users, and the company's landing page.

Skills

- **Software:** NetBeans, Visual Studio, Visual Studio Code, Dev C++, PyCharm, Android Studio, SQL Server Manager, GitHub, CISCO Packet Tracer, Photoshop, Figma, Word, PowerPoint, Excel, SAP Enterprise Resource Planning
- **Programming Languages:** C++, C#, Java, Python, SQL, MYSQL
- **Web Page Development:** ASP.NET, HTML, PHP, CSS, Bootstrap

Projects

- **Final Year Project Documentation Stage Title:**
 - Managing Lifetime Medical History Data using Blockchain Technology with Fast Retrieval
- **Coursework:**
 - PHP web portal for university students and doctors. Students can enroll to subjects, make subject payments, and generate timetables. Doctors can generate a QR code to be scanned by students for attendance, view statistics for attendance rate and view their timetable. I used PHP, HTML, CSS, JavaScript, MYSQL and Bootstrap.
 - ASPX Web Application for university basketball club used for club members to view the club's events and enroll to them. Also, rent equipment from the club. Admins have CRUD controls for all users and events. The website is using HTML, CSS, C#, JavaScript, Bootstrap, and functional database using SQL.
 - Android Application to learn more about the government offered vaccinations using intents to WHO website. Also, it has an educative quiz to test your knowledge about the vaccine of your choice. Signing up and creating an account is a must to register for your vaccine appointments depending on your age certain vaccines will be available to you. The app was built using Java connected with SQLite database and CRUD features for admins.
 - Movie Rental Store Stock System with GUI using Java and functional SQL database.
 - ASPX Web Application promoting Sinai, Egypt using HTML, CSS, C#.
- **Freelancing:**
 - **Tornado Team:** Task distribution, management, and monitoring PHP web application for a team of 70 members. The application has several access levels like the manager, task owner, and task member. Managers can create tasks, assign members and owners. Editing existing tasks like modifying the task information, due dates, members, and owners. Any modification to a task is recorded and can be viewed. Also, view a calendar showing all the tasks on their due dates. Emails are sent upon creation of any task to the involved members, Emails are sent 2 days before the due date of any task using cron jobs and lastly, emails are sent if there is any modification to the task you are involved in. For members and owners, they can view tasks they are involved in. The web application was developed using PHP, JavaScript, HTML, CSS, Bootstrap, MYSQL Database. It was created for the Consumer operation support & complaint Senior Manager at Etisalat Misr.
 - **CliniCo:** A Patient Records System desktop app for clinics where the doctor uses it to store patients' information on the database and track all their visits with all the relative information of the visit like notes, medications given, date and time. The app has a prescription printing feature where the medications written by the doctor are added to his customized prescription paper with all his information. The app was built using Java and local database SQL server manager used by Orthopedic Dr. Mohamed Abdelhamid.

Certificates

- **Shopee Code League Participation Certificate**
- **Edufye 2-day Microsoft virtual bootcamp**
- **The Python Coding S.T.E.P.S. Online Course Graduation**
- **Introduction to Enterprise Resource Planning SAP**

Extracurricular Activities

- **Microsoft Student Ambassador** 08/2020- Present
 - Social Media Program Content Leader 08/2020- 12/2020
- **INTI University Student Ambassador**
- **Basketball Career:**
 - 2015 International Friendly tournament in Hungary champion with U14 Egyptian National Team
 - 2019 National Highschool Championship 1st place
 - 2021 U20 Cairo Championship 3rd place