MOHAMED AMR MAHDY

Full Stack Developer

✉ dev.mohamed.amr@outlook.com

📱 +02-1120299636

📍 El-Rehab City, Egypt

🌐 mohamedamrmahdy.github.io

github.com/MohamedAmrMahdy

facebook.com/mohame.amr.mahdy

linkedin.com/in/dev-mohamed-amr

CAREER OBJECTIVE

A fresh graduate pursuing a career as a Full Stack Developer while started my own projects to learn various programming technologies. My main objective is to find a challenging role in a reputable organization to utilize my skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the programming technologies.

GRADUATION PROJECT

Krisp — 2020
Top Notch Movie Recommendations

The project uses big-data techniques of predictive analytics, user ratings analytics to suggest the suitable movie for the user to watch depends on user-based collaborative filtering algorithm. The method identifies users that have similar interest to the already user defined ratings and estimate the desired rating to be the weighted average of the ratings of these similar user interests.

My Main Role was to develop the User Interface and connect API implementations for the users to view movies, rate them and show the movie suggestions. Moreover, implementing validation, verifications using authentication with bearer tokens

Project Link:
- https://github.com/MohamedAmrMahdy/Krisp

Technologies used:
Amazon AWS | Spark | Apache Sqoop | .Net Core | Microsoft SQL Server | Vue.js | Python | NGINX | Hortonworks

COLLAGE PROJECTS

Gym System — 2018
Web Front-End Development

This project is a gym management system where user can get overview analysis of his running gym showing check-ins, earnings daily and control customers subscription with adding, removing or extending it and checking in customers over the system based on their subscriptions. My main role was to build up the whole user interface using Vue.js and Vuetify based on back end data over .net core api and Microsoft SQL Server.

Project Link:
- https://github.com/MohamedAmrMahdy/Gym-System

Technologies used:
Vue.js | Vuetify | .NET Core | Microsoft SQL Server

Sudoku Solving/Checking — 2017
Console Application

C console application to solve sudoku using backtracking algorithm and a checker to validate sudoku for main sudoku rules using Multi-Threading.

Project Link:
- https://github.com/MohamedAmrMahdy/Sudoku

Technologies used:
C | Linux

PRE-GRADUATE PROJECTS

JumpNCrack Game — 2019
Game Development

JumpNCrack is a 2D game developed over Unity3D game engine. The main idea from the game is to move a ninja blade in sky to cut fruits and dodge obstacles

Project Link:
- https://github.com/MohamedAmrMahdy/JumbNCrack
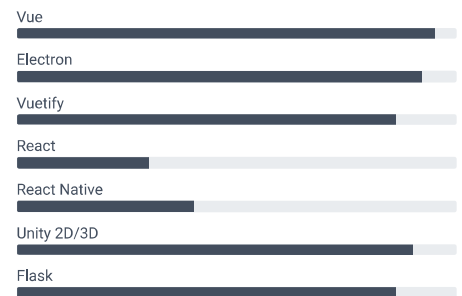
Technologies used:
C# | Unity3D

SKILLS

PROGRAMMING SKILLS

Languages
- Node.js
- JavaScript
- HTML/CSS
- LUA
- C#
- Java

Tools / library / Framework
- Vue
- Electron
- Vuetify
- React
- React Native
- Unity 2D/3D
- Flask

Database
MYSQL | Firebase Realtime Database | MongoDB | PostgreSQL

Others Knowledge
C | Python | Git | DevOps | Agile | Sketch | WordPress | Web Server | Dedicated Server | Photoshop/AfterEffect/SonyVegas
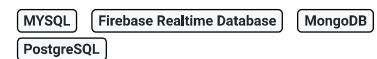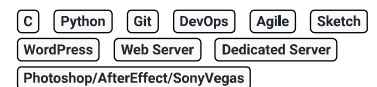
INTERPERSONAL SKILLS
- Problem-Solving
- Multitasking
- Creativity
- Good Team Player
- Time Management
- Volunteering
- Leadership

EDUCATION

Faculty of Computer and Artificial Intelligence Helwan University
BSc in Information Systems / Computer Science [GPA 2.72]
Helwan, Cairo, Egypt
2017 - 2020

Manarat Al-Farouk International School (IGCSE)
High School
Al Tagamoa Al Awal, Cairo, Egypt
2014 - 2016

Cairo Manara Language School
Prep. School
Nasr City, Cairo, Egypt
2011 - 2013

BlueBot   2018
Web Back-End Development

I have started my development and media life with volunteering in starting a media channel for covering gaming news and reviews and leading a team of +10 volunteer and my main role was covering designs needs like branding & templates for the team to use and technical setups like building the website and hosting it.

One of the main achievements for this project was to learn Node.js/Firebase for creating a discord bot and the first move toward finding my skills over leading, problem solving, technical skills

Project Link:
- https://github.com/MohamedAmrMahdy/BlueBot

Technologies used:

`Heroku server` `Trello` `Javascript ES6` `Node.js` `Firebase` `Github`

Youtube Music   2017
Cross-Platform Desktop Development

One of the main achievements for this project was to learn Vue.js/Vuetify/Electron for creating a windows application to play YouTube videos as audio only like music player.

Project Link:
- https://github.com/MohamedAmrMahdy/youtube-music

Technologies used:

`Vue.js` `Vuetify` `Electron`

VOLUNTEERING EXPERIENCE

Founder / CEO   Nano Gaming
2013 - Present

I have started my development and media life with volunteering in starting a media channel for covering gaming news and reviews and leading a team of +10 volunteer and my main role was covering designs needs like branding & templates for the team to use and technical setups like building the website and hosting it.

Social Links:
- https://nanogaming.net/
- https://www.facebook.com/NanoGamingME
- https://www.youtube.com/NanoGamingME

Technologies used:

`Trello` `Wordpress` `HTML/SASS` `Node.js` `Firebase` `Web Server` `Sony Vegas` `Adobe Photoshop` `Adobe After Effects`

Founder / Game Developer   Arab Universe RP
2018 - Present

Arab Universe RP is a gamemode developed by me over FiveM framework which uses Grand Theft Auto V game as an assets to achieve player connection over user based servers and let developers use LUA/C#/Javascript to develop gamemodes over GTA V. and The RP stands for Role Playing where players act like real world roles Mechanic/Medic/Police/Thieves.

My main role was to develop the whole system architecture offering +2000 hours of development and testing to achieve player gameplay ideas. After publishing the server for the community the main role was to maintain the server finding bugs and solving present issue and profiling FPS to reach best performance over players computers and implement new ideas (reached +400 resources each resource serves an idea) while leading the team to serve +3,000 players.

Social Links:
- http://arabuniverse.net/
- https://discord.gg/HMC2fBG

Technologies used:

`LUA` `HTML/CSS` `JQuery` `Bootstrap` `FiveM Framework` `ESX Framework` `Dedicated Server` `MYSQL` `Node.js` `Wiki.js` `SQLBackupAndFTP`