Ahmed Amer

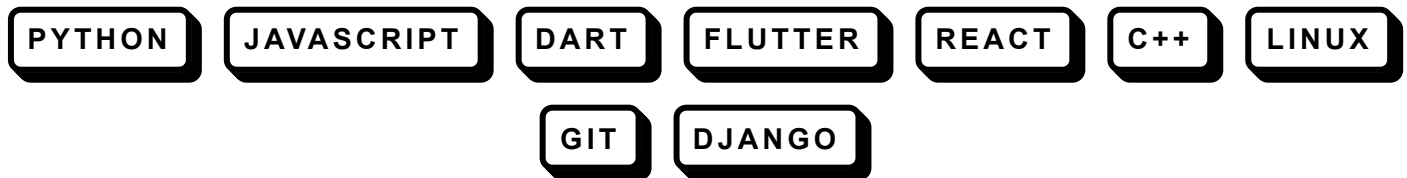Cairo | LinkedIn | GitHub | 01069446690 | jjahmedamer@gmail.com

Objective

Enthusiastic, results-oriented and hard working Junior Software engineer. Being worked for different projects helped me to adopt to the changes quickly and made me a mature team worker. | am able to work well both in a team environment as well as using own initiative. 1 am able to work well under pressure and adhere to strict deadlines.

Relevant Skills

PYTHON **JAVASCRIPT** **DART** **FLUTTER** **REACT** **C++** **LINUX**

GIT **DJANGO**

Education

Ain Shams University   **Cairo**
Bachelor Degree in Communication Engineering   **Graduation Date: June 2023**

Training

National Telecommunication Institute   **Smart Village**
Cloud Computing Trainee
  - Create, deploy and manage Virtual Machines across clusters of Hosts
  - Create storage system for the virtual machines
  - Create security group and administrative level for managing the virtual machine
  - Used KVM, CNA and Linux

Systel (Motorola)   **Smart Village**
WiMAX
  - Design an access point system with the aim of connecting remote areas to a central tower Using Link Planer to figure out the obstacles in the way of the master-slaves, then log on the device to make basic configuration and give an IP address

Two Way (Radio and receiver)
  - Understand the infrastructure of the two way systems and the design requirement according to the environment and the terrain, work on the electronics and the configuration or programming of the walkie talkie

Optical Fiber Cables
  - Install Optic fiber cables, make connection using fusion technique and pig tails,and test using laser and power meter. Understand how to decide the appropriate cable to use according to requirements

Microwaves Links
  - Aligning the microwaves for a clear line of sight point to point (antennas panning), then Use link planner for performance by checking for noise interference and find the clearest frequency. Understand Different Radio Link Mode Layout

IP Cameras & CCTV
  - Design and configure surveyance systems by setting up switches, cameras, NVR or DVR, then setting up a control room with a monitor to display the camera feed. Understand the concept of PoE power over Ip

Projects

FIREBASE FLUTTER

Social Media App (Instagram Clone) **RepoLink**

Designed a social media app that is inspired by Instagram. The App include authentication and a real time data base using server less cloud technologies

REACT HTML/CSS API

Recipe App (World Wide Recipe) **RepoLink**

Web App that displays most recent recipes from an API with multiple views using react as a framework for state management and pure css for styling

FIREBASE FLUTTER API

Photo Search App **RepoLink**

This App that uses pixabay API to search images based on keywords that the user inputs, once the images are retrieved the images are displayed on your screen.

PYTHON MATPLOTLIB

Covid-19 (Virus) Simulator **RepoLink**

This project aims to simulate virus spreed among a group of people in different zones. The zones limit the spread of the virus because of lower number of sick in each zone

NEXT JS REACT API

News Summary App **RepoLink**

News app that uses Next JS to utilize server side rendering that includes fetch the date and rendering the html page then pushing it to the client

PYTHON PYGAME

Runner/Mario Video Game **RepoLink**

Developed a 2D Mario Like game with character and enemies with complex enemy generation and check for objects collision with each other

Leadership

Student Representative
- Student Representative for 80 students where I help facilitate the communication between the teaching staff and the students and helped organize for multiple events

ASU Racing Team
- Media Team member with 100% project completion rate
- Render and design formula-1 Car
- Design Banner, rollup and Social media posts

Programming Skills

- Proficient in Unix/Linux environment and Bash scripting.
- Proficient Languages (C++, Python , Matlab, HTML, CSS, JavaScript, Dart)
- Frameworks (Flutter, React, Flask, Next JS)
- Proficient in GIT version control
- Working Knowledge of databases (MySQL)
- Object Oriented Programming
- Great Documentation Skills