Ashraf Ayman Abdulmageed

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PROFESSIONAL SUMMARY

I am a GIS Developer with 3 years of expertise in GIS technologies (focus on ESRI products), web development and GIS Integration, with a strong commitment to GIS development industry.

WORK EXPERIENCE

GIS Developer, Gulf Terminal, Mansoura, Egypt   **May 2023 - Present**
- Created esri-Library based on ArcGIS Maps SDK for JavaScript for building GIS web apps.
- Designs, develops, and maintains software using ESRI software suite as well as programming tools.
- Developed programming specifications for assigned tasks.
- Gained possess strong knowledge of database concepts and RDBMS like Microsoft SQL Server, PostgreSQL, etc.
- Tests system and confers with Project Managers to assure satisfaction.
- Created program source code; performs standardized validation tests; and debugs code when issues are identified.

GIS Developer, Edge Pro for Information Systems, Cairo, Egypt   **Jun 2022 - Feb 2023**
- Developed and implemented customized client requirements and created GIS demos for clients.
- Familiar with ArcGIS API for JavaScript, Esri Technologies, JavaScript, Python and SQL.
- Participated in a GIS and RS project to be presented at COP 27, Sharm Elsheikh 2022.
- Familiar with ArcSDE, RDBMS, ArcGIS Sever, SQL Server, PostgreSQL.
- Familiar with Hexagon Technologies, ERDAS Imagine.
- Cooperate and communicate with relevant external bodies.
- Work closely with other developers and architects.

GIS Specialist, Edge Pro for Information Systems, Cairo, Egypt   **Apr 2022 - Jun 2022**
- Compiled geographic data from a variety of sources including censuses, field observation, satellite imagery.
- I analyzed spatial data for geographic statistics to incorporate into documents and reports.
- To define data needs, project requirements, required outputs, or to develop applications.
- Gather, analyze, and integrate spatial data from staff and determine how best the information can be displayed in GIS.
- Design and update database, applying additional knowledge of spatial feature representations.

SKILLS

- **GIS Software / Development:**
  - ArcGIS API for JS
  - ArcGIS Enterprise (Server, Portal, Online)
  - ArcGIS Pro
  - M.App Enterprise
  - GeoServer
  - QGIS
  - Leaflet
  - PostgreSQL
  - Open Layers
  - PostGIS
  - Mapbox

- **Programming:**
  - Python
  - JavaScript (Intermediate, focus on ArcGIS API for JS)
  - JavaScript Runtime Environment
  - TypeScript (Beginner)
  - Angular (Beginner)
  - C# (Beginner)
  - OOP
  - Git and GitHub
  - ASP.NET Core
  - MS SQL Server
  - SQL (Beginner)
  - HTML/CSS

- **Remote Sensing Software:**
  - ERDAS Imagine, ENVI, Knowledge of LIDAR data processing and feature extraction.

EDUCATION

5 Months Intensive Training Program of GIS and Web Development
Information Technology Institute, Smart Village, Egypt, 2022, Final Project:"Business Solutions Web App,"
Bachelor of Arts, Department of Surveying, Remote Sensing & GIS
Mansoura University, 2021
- Graduation Project: "Simulation Model of the Faculty of Arts," using ArcGIS Pro, Excellent Grade
- GPA: 3.7, Rank 2 on my faculty batch

Evening Digital Egypt Youth Program, Front-End Web Development track
National Telecommunication Institute (NTI), 2023
- **Top skills learned:** Bootstrap, jQuery and JavaScript.

ACADEMIC HONORS

Bachelor's degree in GIS and Remote Sensing Honours from Mansoura University, 2021.

EVENTS

I attended Esri Saudi Arabia User Conference Day (23 Jan 2024).

PERSONAL INFORMATION

Birthdate: April. 1st, 1999
Military Status: Exempted
Current Address: Mansoura, Ad Dakahlia, Egypt