Mohamed Ahmed Kandil

Full Stack Developer | Python Developer

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LinkedIn: [Mohamed Kandil](#) | GitHub: [MohamedKandil14](#)

Profile

Highly motivated and results-oriented Full Stack Developer with a Bachelor's degree in Industrial Electronics and Control and a Professional Diploma in Open-Source Applications Development from ITI. Possessing a solid foundation in Python, Django, and MERN stack technologies, with practical experience in web development, database management, and web scraping. Eager to leverage strong problem-solving and communication skills to contribute to innovative software development projects as a Python Developer.

Technical Skills

- Programming Languages: Python, JavaScript, TypeScript, C, C++
- Web Frameworks (Backend): Django, Node.js (Express)
- Web Frameworks (Frontend): React.js, Angular, HTML5, CSS3, Bootstrap, jQuery, ES6
- Databases: MySQL, NoSQL (MongoDB), SQLite, PostgreSQL
- Web Knowledge: RESTful APIs, Web Services, Servlets, JSP, XML, JSON
- Tools & Version Control: Git, GitHub, Docker
- Administration: Bash Shell Scripting, Linux (Red Hat System Administration I, II)
- Data Handling: Web Scraping (BeautifulSoup, Requests)
- Concepts: Object-Oriented Programming (OOP), MVC Architecture, CRUD operations

Projects

Task Management Application

Description: Developed a full-stack web application for personal task management, enabling users to register, log in, and perform CRUD operations (Create, Read, Update, Delete) on their individual tasks. The application ensures secure, user-specific task management and features a modern, intuitive user interface.

Technologies:

- Backend: Python, Django, Django Rest Framework, SQLite, djangorestframework-simplejwt (or TokenAuthentication), django-filter, django-cors-headers

- Frontend: JavaScript, React.js, Material-UI (MUI), React Router DOM, Axios, React Toastify

GitHub : **https://github.com/MohamedKandil14/Django-React-Task-App.git**

Project: Customer Churn Analysis

Description: Developed a comprehensive data analysis and machine learning project to identify factors contributing to customer churn and predict which customers are likely to leave, enabling targeted retention strategies.

Technologies: Python, Pandas, NumPy, Scikit-learn (for classification models like Logistic Regression, Decision Trees, or Random Forest), Matplotlib, Seaborn, Jupyter Notebooks, SQL (if data was retrieved from a database).

GitHub: **https://github.com/MohamedKandil14/customer_churn_analysis.git**

Project: House Price Prediction

Description**:** Developed a machine learning model to predict house prices based on various features and built an interactive dashboard to visualize the insights.

Technologies**:** Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Plotly, Streamlit (for dashboard/web app - *if you implemented an interactive interface*), Jupyter Notebooks.

GitHub: https://github.com/MohamedKandil14/house_price_prediction.git

Product Price Comparator

Description: Developed a web app to compare product prices from various online stores.

Technologies: Python, Django, HTML, CSS, JavaScript, SQLite, requests, BeautifulSoup

GitHub: https://github.com/MohamedKandil14/product_comparator.git

Django E-commerce Site

Description: E-commerce platform built with Django demonstrating core functionalities.

Technologies: Python, Django, JavaScript, HTML, CSS, MySQL/PostgreSQL

GitHub: https://github.com/MohamedKandil14/Django_E-commerce.git

Web Scraper

Description: Dedicated tool to extract data from websites.

Technologies: Python, requests, BeautifulSoup

GitHub: https://github.com/MohamedKandil14/web_scraper.git

File Folder Organizer
Description: Script to automate file/folder organization.

Technologies: Python (os, shutil)

GitHub: https://github.com/MohamedKandil14/file_folder_organizer.git

Bank Account System
Description: System simulating bank account operations.

Technologies: Python, SQLite/MySQL or file I/O

GitHub: https://github.com/MohamedKandil14/bank_Account_system.git

Personal To-Do List App
Description: Personal task manager.

Technologies: Python, Django/Flask, HTML, CSS, JavaScript, SQLite/MySQL

GitHub: https://github.com/MohamedKandil14/Personal_ToDo_List_App.git

Expense Tracker
Description: App to track income and expenses.

Technologies: Python, SQLite/MySQL

GitHub: https://github.com/MohamedKandil14/expense-tracker.git

Loly Store
Description: Basic e-commerce site.

Technologies: Python, Django

GitHub: https://github.com/MohamedKandil14/Loly_store.git

Django Task Management API
Description: A RESTful API built to manage user-specific tasks, enabling creation, retrieval, updating, and deletion of tasks with secure token-based authentication.

Technologies: Python, Django, Django REST Framework, SQLite (for development), Git,
GitHub: https://github.com/MohamedKandil14/Django_Task_ManagementAPI.git

Education
9-Months Professional Diploma | Information Technology Institute (ITI) - Menofia Branch |
Oct 2022 – Jun 2023

Track: Open-Source Applications Development

Bachelor's Degree in Industrial Electronics and Control | Faculty of Electronic Engineering, Menofia University | Sep 2015 – Jun 2019

Specialization: Electronics and Control Engineering

Training

- InnovEgypt Program (TIEC)

- Robotics Workshop under Menoufia Robotics Club (Menofia University)

Personal Skills

Presentation Skills, Good Communicator, Leadership, Problem Solver, Reporting, Searching Skills, Quick Learner.

Languages

Arabic: Native

English: Very Good

Extracurricular & Interests

Volunteering: Hult Prize Foundation, Resala Charity

Hobbies & Interests: Learning languages, Reading, Travelling, Running

Personal Information

Military Status: Completed (Reserved officer Nov 2019 - April 2022)

Birth Date: 5 February 1995