Ahmed Samir

Full Stack Developer

✉ ahmedsamer6788@gmail.com 📞 01062303374 📍 El Maadi, Cairo, Egypt

in linkedin.com/in/ahmed-samir-917ba22a5 ◯ github.com/ahmedsamir45 🔗 portfolio

summary

Aspiring software developer with a strong foundation in web development, data science, and cybersecurity. Currently pursuing a Bachelor's degree in Computer Science & Mathematics at Helwan University. Proficient in multiple programming languages and frameworks, including Python, JavaScript, React, Flask, and Django. Experienced in machine learning, data analysis, and NLP projects. Actively enhancing skills through internships and online certifications. Demonstrates a passion for learning and applying new technologies to solve complex problems.

Education

Bachelor of Science in Mathematics and Computer Science,　　　　　　　　　2021 – present
Faculty of Science Helwan University　　　　　　　　　　　　　　　　　　　　　Cairo, Egypt
Studied algorithms, data structures, and programming (Python). Developed skills through projects in machine learning, network.

Experience

Back-End Developer (Python),　　　　　　　　　　　　　　　　　　　Sep 2024 – Oct 2024
Summer Internship | Information Technology Institute (ITI)　　　　　　　　　　online, Egypt
- Developed web applications using Python (Django, Flask) and front-end technologies (HTML, CSS, JavaScript)
- Collaborated with a team to enhance functionality, troubleshoot issues, and improve user experience.

Front-End Developer (React),　　　　　　　　　　　　　　　　　　　Jul 2024 – Aug 2024
Summer Internship | Information Technology Institute (ITI)

- Enhanced front-end development skills using HTML, HTML5, CSS, CSS3and Bootstrap.
- Developed dynamic web applications with React, focusing on routing and API integration.
- Gained proficiency in JavaScript (ES6) to improve interactivity and user experience.

Cyber Security Engineer Path,　　　　　　　　　　　　　　　　　　Jun 2024 – present
Scholarship Recipient | Digital Egypt Pioneers Initiative (DEPI)　　　　　　　　Cairo, Egypt
- Trained in cybersecurity techniques to protect computer systems, networks, and data from cyber threats.

- Business English: Improved professional communication for interacting with international clients and negotiating contracts.
- Soft Skills: Developed personal branding, client management, and presentation skills for freelancing.
- Freelancing: Gained experience using freelancing platforms, writing proposals, and navigating the freelance marketplace.

Skills

Technical Skills

- *Programming Languages: python*, HTML, CSS, JavaScript, SQL, C#, Bash
- *Frameworks & Libraries:React,* jQuery, Bootstrap,Flask, Django. rest framwork, SQLAlchemy
- *Databases:* MongoDB, mySQL, PostgreSQL
- *Others:* UI / UX, Linux, Data structure, Algorithms, operating system, Networks, RESTful APIs, Version Control (Git), Web security, mathmatics.

Soft Skills

- Teamwork
- Continuous Learning
- presentation

Languages

- Arabic (Native)
- English (Intermediate - B1)
- French (Basic - A1)

Projects

UR Store ✐

Built an e-commerce web template using React.js with product search, and multi-page routing. Used React Router for navigation and styled with CSS, Bootstrap and Font Awesome.

UR Social media app ✐

Built a social media app using Django and Django REST framework. The app supports user registration, posting, commenting, and liking/disliking posts. Features include profile management, a user feed, and a REST API for post interactions. The frontend uses HTML, CSS and JavaScript.

Tytopya ✐

Built a web app for abstractive and extractive text summarization, featuring a chatbot, user authentication, summaries/chats history, and a CRUD system. The app is responsive, secure, and includes NLP models like T5-Large and RNN.

Technologies:

- Frontend: HTML, CSS, JavaScript, Bootstrap
- Backend: Flask, SQLAlchemy
- NLP: T5-Large, RNN, NLTK, spaCy
- Security: Password hashing, CSRF protection

Contact Manger ✐

Developed a simple Contact Manager application featuring a React frontend and a Flask backend, allowing users to efficiently manage contact information. Implemented CRUD (Create, Read, Update, Delete) functionality with RESTful API endpoints, leveraging SQLAlchemy for database interactions. This project showcased skills in full-stack development, including React for the user interface and Flask for server-side logic.

Order System ✐

Created a Flask e-commerce app with product browsing, order placement, and an admin interface for managing products.

Technologies: Flask, SQLAlchemy, HTML/CSS, Bootstrap.

Insurance 🔗

Developed a Flask web application utilizing a Random Forest Regressor to predict health insurance charges based on user input. Implemented data preprocessing and visualization techniques with Pandas and NumPy, enhancing user experience.
Technologies: Flask, Scikit-Learn, Pandas, NumPy.

El Badr Company 🔗

- Created a database to manage client, employee, and order information.
- Designed key tables and established relationships between them.
- Developed SQL queries for data retrieval, including salary and client counts.

Certificates

Scientific Computing With Python 🔗
Issued by freeCodeCamp

Responsive Web Design 🔗
Issued by freeCodeCamp

Git and Github 🔗
Issued by almadrasa

JavaScript Intermediate 🔗
Issued by Sololearn

Coding for Data 🔗
Issed by Sololearn

React JS 🔗
Issued by ITI

UX 🔗
Issued by ITI

Learn HTML &CSS 🔗
Issued by ITI

Database Fundamentals 🔗
Issued by ITI

Introduction to mongoDB 🔗
Issued by ITI

Python Web Pro 🔗
Issued by Udemy

AI Career Essentials 🔗
Issued by ALX