MOHAMED ELTAHIR

| Job-Searching Resident Permit (HU)

🌐 https://moeltahir.netlify.app/ | in https://www.linkedin.com/in/mo-eltahir/

Education

University of Debrecen — Graduated 2022
"Bachelor of Science"
Computer Science – with Excellences

Relevant Projects

WIFIQR-Core — Budapest, Hungary
https://pypi.org/project/wifiqr-core/ — Jan 2022
Cross-platform Library, API and CLI tool that allows shops to use QR-Code to share WIFI credentials.

RF-LAB — Debrecen, Hungary
https://rf-lab.herokuapp.com/ — Dec 2020 – May 2021
A Research paper + full-stack WebApp using **TailwindCSS**, **Flask** & **SQLite/PostgreSQL** as a backend for collaborative physical penetration testing. The web application applies algorithms and data structures best practices.

PyBDD — Debrecen, Hungary
https://github.com/MoElaSec/Python_Behave_Selenium_WebApp_Auto_testing — June 2021
A CLI tool used to conduct a fully automated test for Web Applications using **Python Behave** (**Cucumber**) + **Selenium** + **Click**. Enabling Behavioral Driven Development (**BDD**).

Flask Blog — Debrecen, Hungary
https://github.com/MoElaSec/Flask_Blog_Jira — Oct 2020 – Dec 2020
I lead a team of two documenters and one developer to create a fast and robust public **Flask** blog that connects with **Jira** (issues, comments & stories etc.) using **JiraAPI** and documented with **Confluence**.

PyBots — UAE & Hungary
https://github.com/MoElaSec/Discord-Bots-List — Oct 2020 – Dec 2020
https://github.com/MoElaSec/Twitter_Bots_List — March 2021
Goal: To solve problems related to managing Twitter accounts and Discord channels. Connecting to various games, weather, geolocation API & services to automate information gathering.

LOL Player Info Grabber — Dubai, UAE
https://github.com/MoElaSec/andriod-app-LOL-RiotAPI — summer 2017
An **Android** mobile application to pull League of Legend (LOL) player information (summoner, stats etc.) using **RIOT-API.**

Skills

- Languages: Java, Python, PHP, C, HTML, CSS, JavaScript, MySQL, SQLite, PostgreSQL, PL/SQL, Bash/Zsh.

- Technologies:

  - **Front-End**: TailwindCSS, Bootsrtap, React, JavaFX/SceneBuilder, Jekyll.
  - **Back-End:** Flask/FastAPI/Django, Hibernate, SpringData, SQLAlchemy.
  - **Others:** OpenCV, Junit/Pytest, Selenium, Cucumber/Behave, BeautifulSoup, pip/npm.

- DevOps: Docker, Jira, Confluence, Cucumber, Git/GitHub/GitBook, GitLab, AWS, Heroku, Linux/Unix, Windows, MacOS, Agile/Scrum/Kanban, BDD/TDD, REST API/SOLID, Design Patterns.

- Security: Kali, Nmap, Metasploit, ncat, dirb/gobuster, BeEF, SQLMap, Nessus/Nikto, xsser, Aircrack-ng, Wireshark, Ghidra, PacketWhispe, JTR/Hashcat.

Professional Experience

LimeLightr   Oslo, Norway
Full Stack Web Developer   Nov 2021 – Jan 2022
https://limelightr.org/
- Worked on web-based projects that required the usage of a variety of languages, libraries, and frameworks, including HTML5, CSS3, Sass, TailwindCSS, JavaScript, and Vue.js.
- I learnt how to integrate these technologies to establish industry standards initiatives, as well as how to contribute to existing code bases alongside coworkers using version control systems like GitHub.
- Rewriting enterprise software-solutions to increase performance and scalability, unit testing added and documentation created.

Private Contract   Abu Dhabi, UAE
Web Developer   July 2021
https://emsat4u.github.io/
- Created an e-learning Website to prepare High School students for The Emirates Standardized Test (EmSAT) using **Jekyll Ruby**, **TailwindCSS**, **HTML5, Sass** & **JavaScript**.

Rouckanbill Inc.   Dubai, UAE
Web Developer   Dec 2017 – Feb 2018
- Provided critical feedback for increased market reach.
- Managed up to three projects at a time.
- To build the primary website UI, prominent technologies such as **HTML5**, **CSS3** with **Bootstrap**, and **jQuery** were used.
- Enhancing **SEO** by providing critics to enhance Social Media interactions & exposure.

Certificates & Achievements

eLearningSecuirty   Online
eJunior Penetration Tester (eJPT)   Jan 2022
https://github.com/MoElaSec/My_Cert/blob/main/Pentesting/eJPT_certificate.pdf

- A 100% practical certification on penetration testing and information security essentials.
- Deep understanding of networking concepts.
- Web application manual exploitation through attack vectors.
- Ability to perform protocol analysis of a traffic capture
- Understanding of information gathering techniques

Fortinet   Abu Dhabi, UAE
Fortinet Network Security Expert   Jun 2021
https://github.com/MoElaSec/My_Cert/tree/main/Networking

- Fortinet Network Security Expert Level 2: Certified Associate (NSE 2).
- Fortinet Network Security Expert Level 1: Certified Associate (NSE 1).

HackerRank   Debrecen, Hungary
HackerRank Certified Programming   Jun 2021
https://www.hackerrank.com/certificates/37ffb145271d

- Java, Python, JavaScript.

Debrecen University   Debrecen, Hungary
Participation in Google DSC in:

- Hello Kotlin Event. [Feb/2021]
- Flutter Workshop. [Nov/2020]
- Google Cloud Workshop. [Feb/2021]

OpenEDG Python Institute: [PCAP-31-02] PCAP   Dubai, UAE
Certified Associate in Python Programming   Aug 2020
yourclaim/PCAP-31-02

TRA UAE   Abu Dhabi, UAE
Courses, Exam & certificates provided by the TRA   Mar 2021
https://github.com/MoElaSec/My_Cert/tree/main/TRA

- 5G Applications in the unmanned aerial vehicle (UAV) Industry.
- Exploring Artificial Intelligence (AI).
- Software Engineering and AI.