



Mohamed Assaf

Software Developer

Motivated young student with no previous experience with a big passion to progress within the Software Industry I love learning new technologies. I am a quick learner with a catchy mindset and very quick thinking. I have knowledge in two main languages (Python, JavaScript).



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github.com/MohiAssaf

SKILLS

Python JavaScript

IIS Fask DRF

SpringBoot Maven

React HTML/CSS

PostgreSQL

Selenium Django

Tomcat Wordpress

LANGUAGES

English
Full Professional Proficiency

Bulgarian
Native or Bilingual Proficiency

Arabic
Native or Bilingual Proficiency

INTERESTS

Electronics

Software development

Learning new skills

Computer skills

EDUCATION

Telecommunications and Computer Technologies New Bulgarian University

10/2021 - Present

Courses

- Computer skills
- Electronics for telecommunications
- Fundamentals of telecommunications

Programming Software University(Softuni)

01/2021 - Present

Courses

- Programming with - Python
- HTML and CSS
- Programming with - JavaScript

Sofia

PROJECTS

Portfolio (Html/CSS)

- Simple Portfolio about myself using pure HTML and CSS you can check the link above my GitHub.

REACT-Expense-Tracker

- The expense tracker will have a form where users can input the details of their expenses such as the title, amount spent, and date. The main features are Components, props & dynamic data binding working with user events and states to create an interactive application.

JavaScript (Daily task tracker)

- Daily tracker website where you can put tasks to do for the day, and see when you finished the task or if you did it or not. The project is made with DOM manipulations including query selectors and EventListener on click exc...

STW (Share the world) Django

- Django/Python website where you can post pictures from the internet of places you visited, And with the package manager Django-all auth there is a Login/Register option to create, login, delete, and edit an account. Also, you can edit or delete the post if the post is yours otherwise you can only add a comment as a viewer.

Django Rest Framework (Company-Employee)

- This project is a JSON REST API using Django Rest Framework, it is a Simple CRM system for companies: CRUD API to manage companies, and CRUD API to manage company employees. The project also contains Unit Tests for both the company and its employees.

WORK EXPERIENCE

Software Engineer Intern Gate Institute

06/2023 - Present

(GATE) is the first Centre of Excellence in Bulgaria to work on integrating and extending scientific excellence and innovation in priority areas.

Achievements/Tasks

- Implemented Python data scraping and processing for air quality data from multiple stations in Sofia into a PostgreSQL database, ensuring data accuracy and automation.
- Developed a Flask API for querying air quality information and created a user-friendly web-based thermal map visualization hosted on an IIS server.
- I worked on a Spring web application featuring user registration, login functionality, and an interactive map for visualizing and managing walking routes in Sofia. Utilized JDBC to connect with a PostgreSQL database for route storage and management.

Sofia