

Erdison Malko

Software Developer

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🧰 PROFESSIONAL EXPERIENCE

03/2023 – present
Tirana, Albania

Software Developer, Webhelp 📄

My current role includes a multifaceted approach to data-driven solutions and process enhancement as below:

-Interactive web apps: developing web applications working mainly on the backend using Flask/Django(MS SQL) or Node.js(Express, MongoDB) for functionalities like APIs, Web Sockets, SSE, etc., but also using JavaScript (Fetch API, Event Listeners, etc.) HTML and CSS(Tailwind) for the frontend.

Leveraging Git/GitHub for version control and deployment on Azure Web App Service.

-Automation techniques: usage of Python and its associated libraries(pandas, os etc.) to design and implement automated solutions for specific operational requirements, in order to avoid repeated tasks. The process might start by scraping data or just by extracting it from files, databases etc.

-Web Scraping, using Selenium to automate data gathering from our internal tools and web sites saving time and ensuring accuracy.

11/2022 – 03/2023
Tirana, Albania

IT Support 2° Level, Sisal Group 📄

Dealing with web applications (UI) issue, causing the end user bad experience when using all services given, understanding the problem analyzing system logs, using tools such as Kibana(Elastic Stack, DBEaver) to further verify or escalating the issue to the Production Team if its bug and eventually sending feedback to the end customer through CC.

07/2021 – 10/2022
Tirana, Albania

Sn. Transaction Specialist & Data Analyst, Impala Digital 📄

In my previous role as a Data Analyst I was responsible for creating Google Sheet/Excel templates and reports, utilizing advanced formulas such as QUERY, ImportRange, and VLOOKUP to streamline processes and ensure data accuracy. Also developing and maintaining R scripts used to analyze data from our system and present it on Excel dashboards.

In addition to these technical responsibilities, I developed workflows and training materials for new processes assigned to our team, and conducted training sessions to improve the skills of junior members(such as MS Excel). We also provided live support to the local team to investigate and resolve system issues that could disrupt the normal transaction flows.

Also responsible for presenting detailed monthly balance reconciliations to the Finance Department. This involved analyzing large sets of financial data(transaction) and producing reports that were easily understood by stakeholders.

Overall, the role required technical skills, proficiency with data analysis tools, and the ability to develop and deliver effective training and support materials to improve team performance

COURSES

08/2022 – 03/2023
Tirana, Albania

Python from Scratch, *SDA Academy* [↗](#)
Python from the basics.

05/2022

freeCodeCamp.org, *Data Analysis with Python* [↗](#)
Developer Certification, representing approximately 300 hours of coursework

03/2023

Machine Learning Certification, *Analytics Vidhya* [↗](#)
Machine Learning Certification Course for Beginners

PROJECTS

03/2023 – 04/2023

Online Portfolio, *Personal Website* [↗](#)
This project is a personal portfolio website that showcases mostly HTML, CSS and JavaScript code for the frontend side. The website features a clean design, with easy navigation and clear calls-to-action.
You will find info about my previous experiences and Git Hub repositories of other projects of mine.

SKILLS

Python



SQL



Office Package



Django



EXCEL, Power BI

Flask



Web Scraping



REST APIs



LANGUAGES

Italian



English

