

# Erdison Malko

Backend Developer

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## 🧰 PROFESSIONAL EXPERIENCE

03/2023 – present  
Tirana, Albania

### Backend Developer, Webhelp [🔗](#)

- Developing backend web applications using frameworks like Flask, Django, or ExpressJS and managing databases like MySQL or MongoDB.
- Implementing real-time data streaming using Server-Sent Events (SSE) and caching with Flask-Caching and Redis, as well as using WebSockets for real-time communication and data exchange in web applications.
- Establishing connections and integrating with external APIs (such as OpenAI, etc) to enable seamless data exchange.
- Developing and maintaining REST APIs to handle CRUD operations for various database.
- Creating user-friendly interfaces primarily with HTML, CSS, and native JavaScript libraries for dynamic content and frontend functionalities, with additional experience in React for building responsive applications.
- Designing and implementing automated solutions using Python and its modules such as os and pandas for data manipulation.
- Utilizing Selenium and Requests for web scraping to gather data from internal tools and websites.
- Using Postman for API development and testing, ensuring robust functionality and integration.
- Performing unit testing on functions and methods to ensure code quality and reliability.
- Managing code versions using Git and GitHub and deploying applications on cloud services like Azure Web App and Vercel.

11/2022 – 03/2023  
Tirana, Albania

### IT Support 2° Level, Sisal Group [🔗](#)

- Handling web application (UI) issues affecting end-user experience.
- Understanding and diagnosing problems by analyzing system logs.
- Using tools such as Kibana (Elastic Stack) and DBeaver for issue verification.
- Escalating identified bugs to the Production Team.
- Communicating resolutions and feedback to end customers through customer care (CC).

07/2021 – 10/2022  
Tirana, Albania

### Data Analyst, Impala Digital [🔗](#)

- Created Google Sheets/Excel templates and reports using advanced formulas like QUERY, ImportRange, and VLOOKUP.
- Developed and maintained R scripts to analyze data and present it on Excel dashboards.
- Designed workflows and training materials for new processes assigned to the team.
- Conducted training sessions to enhance the skills of junior team members, particularly in MS Excel.
- Analyzed large sets of financial transaction data and produced stakeholder-friendly reports.
- Presented detailed monthly balance reconciliations to the Finance Department.
- Applied technical skills and proficiency with data analysis tools to improve team performance.

## PROJECTS

03/2023 – 04/2023

**Online Portfolio, Personal Website** [↗](#)

This project is a portfolio website that build with HTML, CSS and JavaScript. You will find info about my previous experiences and Git Hub repositories of other projects of mine.

**Task Manager** [↗](#)

Build using Node.js, Express.js, and MongoDB for backend and React for the frontend.

**Chat App** [↗](#)

Build using Express.js for the backend, vanilla Javascript for the frontend and Mongo DB and Redis for the database.

## COURSES

08/2022 – 03/2023  
Tirana, Albania

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

Python from the basics.

## SKILLS

SQL	● ● ● ● ●	Django	● ● ● ● ●
Web Scraping	● ● ● ● ●	Flask	● ● ● ● ●
REST APIs	● ● ● ● ●	Express.js	● ● ● ● ●
MongoDB	● ● ● ● ●	React	● ● ● ● ●

## LANGUAGES

Italian	<div><div></div></div>	English	<div><div></div></div>
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