

Erdison Malko

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👤 ABOUT

Backend Developer with three years of total work experience, proficient with Flask Django, NodeJS (ExpressJS), skilled in integrating APIs, managing databases, and automating solutions, with a background in IT support handling web application issues and Data Analysis creating data reports and workflows.

📁 PROFESSIONAL EXPERIENCE

03/2023 – present
Tirana, Albania

Python Backend Developer, Webhelp 🔗

- Developed an internal communication solution using voice-to-text technology, enhancing communication efficiency within the organization.
- Created backend web applications utilizing Python with frameworks such as Flask, Django, or ExpressJS, and managed databases like MySQL and MongoDB to support application functionality.
- Implemented 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.
- Integrated with external APIs, including OpenAI, to enable seamless data exchange and enhance application capabilities.
- Developed and maintained REST APIs to handle CRUD operations for various databases, ensuring reliable data management and interaction.
- Designed user-friendly interfaces with HTML, CSS, and native JavaScript libraries for dynamic content and frontend functionalities, with additional experience in React for responsive application development.
- Automated solutions using Python and its modules, such as os and pandas, for efficient data manipulation and processing.
- Utilized Selenium and Requests for web scraping to gather data from internal tools and websites, supporting data-driven decision-making.
- Employed Postman for API development and testing, conducted unit testing on functions and methods to maintain code reliability.
- Managed code versions using Git and GitHub, and deployed applications on cloud services like Azure Web App and Vercel for scalable and secure deployment.
- Followed Agile/Scrum methodology, using Jira for task management, Confluence for documentation, and MS Teams for open team communication, fostering effective project management and collaboration.

11/2022 – 03/2023
Tirana, Albania

IT Support 2° Level, Sisal Group 🔗

- Managed and resolved web application (UI) issues impacting end-user experience, ensuring timely and effective solutions.
- Diagnosed and analyzed problems by reviewing system logs, identifying root causes and implementing appropriate fixes.
- Utilized tools such as Kibana (Elastic Stack) for log analysis and DBeaver for database query and verification, supporting issue resolution processes.
- Escalated identified bugs and technical issues to the Production Team for further investigation and resolution.
- Communicated resolutions and provided feedback to end customers through customer care channels, ensuring clear and efficient information delivery.

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 and implemented workflows and training materials for new processes, facilitating efficient adoption and execution within the team
- Analyzed large sets of financial transaction data, producing detailed reports for stakeholders and supporting informed decision-making.
- Presented detailed monthly balance reconciliations to the Finance Department, ensuring accuracy and transparency in financial reporting.
- Applied technical expertise and proficiency with data analysis tools to improve team performance and streamline data management processes.

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.

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



English

