



MARTINA APOSTOLOSKA

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🌐 <https://www.linkedin.com>

🌐 [portfolio-site](#)

📍 Skopje

EDUCATION

Bachelor of Computer Science and Engineering

Major: Application of Information
Technologies

FINKI - Skopje

Graduating - 2025

SKILLS

Python, Numpy, Pandas,
Tkinter

-jupyter notebook, pycharm

Java, Thymeleaf

- IntelliJ

Data bases - PostgreSQL, SQL

- PgAdmin, DBeaver

C++

- Clion

LANGUAGE

Macedonian

English

ABOUT ME

Computer Science student with a strong interest in design, data science, analytics, and data integration. I am actively seeking opportunities to expand my expertise in these areas. Currently, I am engaged in self-learning through platforms like Udemy and edX, focusing on data science, data analytics, and web scraping using Python, numpy, pandas, and tkinter. My goal is to leverage my skills and knowledge to contribute effectively to data-driven projects and further my career in data science and engineering.

WORK EXPERIENCE

BANZAE · Internship - Hybrid

Software Engineer

- Developed a responsive sports application using TypeScript, React, and MUI.
- Implemented backend services with Node.js and PostgreSQL.
- Utilized Zod for data validation and type checking.

○ Innovation Doel · Internship - Online

Data Science Engineer

- Organized and categorized files using an internal application.
- Conducted data cleaning and preprocessing using pandas and numpy in Jupyter Notebook
- Assisted in preparing data for analysis and reporting.

EXTRACURRICULAR ACTIVITIES

[Learn It Global Hackathon](#)

- Recycling app to empower individuals to make a positive impact

PROJECTS

My github profile:

<https://github.com/apostoloska21>

My figma profile:

<https://www.figma.com/@apostoloska21>

- **Some of my Java Projects**

- **Green-Zone**

- About: Recycling and Sustainability website

- Technologies: Java, TypeScript, Vue

- Description: A project developed during a hackathon with my teammate, focusing on promoting recycling and sustainability practices.

- **Employee Management App**

- About: An application for managing employees and their skills

- Technologies: Java

- Description: This app allows users to add, create, update, or delete employees and their skills.

- **Some of my Python Projects**

- **Coffee Machine Simulator**

- About: Simulates the functionality of a coffee machine

- Technologies: Python

- Description: This project allows users to select different types of coffee and handle transactions.

- **Caesar Cipher**

- About: A program for encoding and decoding messages

- Technologies: Python

- Description: Helps users encode or decode messages using the Caesar Cipher technique.

- **Quiz Game**

- About: A simple quiz game

- Technologies: Python

- Description: An interactive quiz game where users answer questions.

- **YouTube Analysis Project**

- About: This project demonstrates an end-to-end data engineering solution .

- Technologies: AWS

- Description: Designed to manage, streamline, and analyze structured and semi-structured YouTube data based on video categories and trending metrics. The project was executed entirely on AWS to leverage the scalability and flexibility of cloud computing, focusing on efficient data ingestion, transformation, storage, and analysis.

- **U.S. States Guessing Game**

- About: A game to guess all 50 U.S. states

- Technologies: Python, Turtle, pandas

- Description: An interactive game where players guess the names of U.S. states, with correct guesses displayed on a map.

- **Stock News**

- About: Tesla Stock Alert & News SMS Bot

- Technologies: Python, Twilio, NewsAPI

- Description: tracks Tesla's stock price and alerts you with the latest price change and relevant news articles if the price fluctuates more than 1%

- **Pomodoro Timer**

- About: A simple Pomodoro Timer

- Technologies: Python, Tkinter

- Description: A simple Pomodoro Timer built with Python's Tkinter module.