CATANA RARES-ALEXANDRU

Student

rarescatana4@gmail.com | +40 0774450122

GitHub | Linkedin | Portfolio

EDUCATION

Universitatea Politehnica Timisoara, Automatica si Calculatoare   Timisoara, Romania
Bachelor of Engineering in Computer Engineering   2023 - 2027

National College Moise Nicoara   Arad, Ro
Mate-info Diploma de Bacalaureat   2019 - 2023

EXPERIENCE

Eviden: Introduction to Big Data | Liga AC Labs Participant   Timisoara | April 2024 - June 2024

Liga Ac Labs is a project made by the student league in which students study a certain topic with the engineers of a company for several weeks. So far I have learned about some of the basics of cloud computing, such as **cloud computing** service models (IaaS, PaaS, SaaS) and about how Spark (**PySpark**) and **SQL** are used in big data.

SKILLS

Programming Languages:	C, Python, C#, Java
Tools / Platforms:	Linux
Databases:	SQL, NoSQL (MongoDB)

PROJECTS / OPEN-SOURCE

CurrencyXchange: A Java Application for Real-Time Currency Exchange | Link   *Java, MongoDB*

CurrencyXchange is a user-friendly **Java** application that facilitates real-time currency exchange between various denominations. It utilizes the **CurrencyAPI**, a comprehensive exchange rate provider, to offer accurate and up-to-date conversion rates. It also uses a **MongoDB NoSQL** database in order to keep track of all your transactions.

ChampScraper: Python Web Scraper for Champions League Insights | Link   *Python, OOP*

ChampScraper is a **Python** web scraper built using **OOP** principles and the **BeautifulSoup** and the **Pandas** library. It fetches real-time data from the Wikipedia page of the UEFA Champions League competition.

MovieTrackr: A Comprehensive C# Program for Cataloging, Rating, and Personalizing Your Film Experience with Multi-User Support | Link   *.NET ,C#, SQL*

Feature-rich **C#** program designed for organizing, rating, and customizing your cinematic journey made with the **.NET** platfom. Developed using **Windows Forms** and **OOP** principles, MovieTrackr offers a seamless user experience. With its integration of a **Microsoft Express LocalDB SQL** database, users can efficiently manage their movie collections.