Maria-Alexandra Costan

✉ mariaalexandra.costan@gmail.com

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📞 0770 451 282

Professional Experience:

MICRO FOCUS INTERNATIONAL

Data Analyst, November 2021-present

- I work within Data Quality team and my main responsabilities are to produce reports/metrics/measures on data quality issues, follow-up with DQ Business Analysts, other stakeholders on reports created, and to help on root cause analysis.
- I also create dashboards for different projects using Tableau.
- In my daily tasks, I use tools like: SQL, Informatica Analyst, Informatica Data Quality Developer, Tableau and SalesForce .

BNP PARIBAS PERSONAL FINANCE - CENTRAL EUROPE TECHNOLOGIES

Expert System Administrator, August 2020 -November 2021

- As an Expert System Administrator, the main mission was to manage the Expert System Platform (an automated decision-making system that analyzes a client's history and other data using a complex set of rules to compute indicators that contribute to the credit application's approval or rejection).

The following were the key responsibilities:
-Creating/modifying decision rules for acceptance/refusal of customers.
-Using mass-tests, unitary tests, and simulations to examine the impact of rules modifications: the mass tests are made through the Diligence Expert System program by using selections from databases stored on UNIX server.
- Creating unitary tests scenarios in order to evaluate the effect of changes.
- Initiating promotion to test environment and in production of the modified environments using Jira.
- Using Unix shell scripting and the Microsoft Office package in order to extract and analyze data sets to follow-up the production evolution and to monitor the anomalies.
- Performing monthly data controls using DQA which is an internal tool developed in Qlik Sense. It allows to extract data and verify data quality stored in Data Warehouse.
- Monitoring and resolving errors found in diverse database environments, as well as establishing and upgrading controls as needed.
- Responding to ad-hoc questions or requests initiated by internal stakeholders.

HP INC - HEROES ACADEMY INTERN

Collection Analyst Intern, July 2019-December 2019

- I was handling a portfolio of customers based in EMEA. The main mission was to contact and assist customers until payments are received in HP's bank accounts in a timely manner. In the process, I was assisted by a system that organized my daily actions, either emails or calls, and by internal stakeholders.

Education:

ACADEMY OF ECONOMIC STUDIES

Faculty of Cybernetics, Statistics and Economic Informatics

- **Master's degree** - Informatic Systems for Processes Management and Economic Resources, October 2020 - July 2022
- **Bachelor's degree** - Economic Cybernetics, October 2017-July 2020

Voluntary Experience:

THE UNION OF CYBERNETICS STUDENTS (SISC)

Project Manager for Spring IT 2019

- "Spring IT" is an annual SiSC project which helps students to take the first step in their career through some workshops and networking sessions supported by IT companies.

Linguistic Skills:

- Romanian - Native speaker
- English - Independent user
- French - Elementary user

Hard Skills:
- Unix
- C/C++ (OOP Concepts)
- R
- SQL
- QlikView, Tableau
- Informatica Data Quality Developer
- Basic data analytics knowledge
- Microsoft Office tools

Soft Skills:
- Team work
- Go-getter
- Easy adaptable
- Analytical thinking
- Creative thinking

Courses:
- Certificate in Data Base Design and Programming with SQL, Oracle Microsoft Office
- Google Data Analytics Certificate

Projects:
- The bachelor's thesis was about developing a model of automation based on RPA technology for the collections department's payment allocation process using UML diagrams.
- I created a QlikView project in which I examined the state of Olympic Sports from 2000 to 2014. In my project, I used: simple and multiple lists, table object, statistics box, data box, slider, buttons, cycling group, different types of charts, pivot tables, bookmark object.
- I developed a project in R where I analyzed the development of the labor force for 30 countries where I utilized statistics concepts like: analysis of principal components, correspondence analysis, cluster analysis, K-means clustering algorithm, discriminant analysis.
- I created a Tableau project in which I analyzed the Global Overview of Unicorn Companies and I used: different types of charts, row level and aggregate calculations, table calculations, filters (including filter actions, context filters), dashboards, story points