



## Iacob Oana

**Home :** Burebista str., nr.8, ap. 29, floor 8, 300678, Timisoara, Romania

**Email:** [oana26c@gmail.com](mailto:oana26c@gmail.com) **Phone:** (+40) 0754952874 **Skype:** oana.oana.26

**Facebook:** <https://www.facebook.com/andrrar>

**LinkedIn:** <https://www.linkedin.com/in/oana-cazan-6a556b153/>

**Gender:** Female **Date of birth:** 26/02/1997 **Nationality:** Romanian

### WORK EXPERIENCE

[ 17/05/2022 – Current ]

#### Software developer

##### *Groundfog*

**City:** Berlin | **Country:** Germany

Everything is correlated with data which provides the best content:

1. The entire infrastructure stays on AWS and uses Lambda, Step Functions, SNS, Cloudwatch, Glue, Athena, Campaigns etc
2. Using Extract, Transform and Load to manipulate data from raw to processed
3. The entire infrastructure is automated using Terraform
4. The CI/CD is based on Gitlab
5. The programming language can vary from Python, Typescript or GO
6. Unit tests

[ 06/12/2021 – 17/05/2022 ]

#### Data analyst

##### *Provably Fair*

**City:** Cluj-Napoca | **Country:** Romania

1. Coordinate a team of 3 data analysts, implementation of a stable environment in order to process an incremental load for the data using Lambda Function from AWS, Event Bridge to monitor the errors and the memory capacity of resources that are used in that code.
2. Writing scripts using python in order to manipulate data and transform it for a better view in excel files or Tableau dashboards.
3. Using a merging approach to bring data from a postgresql db to the Redshift db via S3 Storage.
4. Creating a staging and production environment for the team to work in a very structured and organized way. Using analytics tools such as pandas, numpy and scikit-learn to load the data, manipulate it, transform it and analyzing as well as sql to create procedures, tables and functions.
5. Interaction with internal clients (from other teams in the company) to bring more projects, applying our ideas in one big project for the team which will bring more value to the company.
6. Defining a way to improve our skills and grown continuously.

[ 19/07/2020 – 06/12/2021 ]

#### Data analyst

##### *The Access Group*

**City:** Timisoara | **Country:** Romania

- Data analysts import, inspect, clean, transform, validate, model, or interpret collections of data with regard to the business goals of the company.
- They ensure that the data sources and repositories provide consistent and reliable data. Data analysts use different algorithms and IT tools as demanded by the situation and the current data.
- They might prepare reports in the form of visualisations such as graphs, charts, and dashboards.

- For all of these I used Microsoft SQL Management Studio using SQL, an internal app for charts, graphs, reports and so on based on ClicData, NRQL ( new relic QL), APIs, GraphQL, Postman.
- Working in a team, with beautiful and smart people, we've brought more than 10 customers in one division with the products that I delivered and for that I won a prize which represents my work's value to the company, the "Rocky of the Year" in our division. My eager to learn can not stop here so I am looking forward for some more challenges.

[ 01/10/2019 – 01/06/2020 ] **Consultant ( part-time)**

**Continental**

**City:** Timisoara | **Country:** Romania

- working with database from restoring the store procedure to write functions and views
- managing people, and a project with has a success review that involved sending e-mail from an interface, working overtime to do tests and develop the product for their environment, some tests were made on my personal laptop and others on their server because with do not have access and even this we had a big success throw this project
- another project that implement a report that was hooked by a task scheduler and sending a report every month on the same day, done with a success and also without having interaction with their environment and using communication via online meetings with the team, hard work but it worth it

[ 08/06/2019 – 19/07/2020 ] **Full-Stack Developer**

**ISS Timisoara - The Access Group**

**City:** Timisoara | **Country:** Romania

- C# with asp.net core 3, entity framework
- HTML and CSS
- React with JSX
- SQL Server
- Gitlab (using git commands)
- Agile team
- working with a team from England and Romania
- SOAP
- XML
- Orleans
- Azure DevOps
- integration with different API
- unit tests with moq
- working on RNG algorithm

[ 19/11/2018 – 01/07/2019 ] **Programmer**

**Blue Star Design**

**City:** Arad | **Country:** Romania

- create scripts in python
- create games, school problems for a coding platform in python
- write tests case and functional tests in python
- on Linux
- working with docker
- using GitLab, which is a web-based Git-repository manager with line commands
- share any knowledge that i had with the others colleges and help them with their problems or whenever they were stumble on some php, javascript or python problems
- create a team in and outside work

[ 06/03/2018 – 20/06/2018 ] **Programmer**

**JSS**

**City:** Curtici | **Country:** Romania

- new skills, new features, new technique and new programming languages or for scripting : PHP, some JavaScript, JQuery and HTML 5 and CSS 3
- standard language for database : SQL
- databases: PostgreSQL, MSSQL

- C# (WPF), Java
- basic C++

[ 28/03/2017 – 01/10/2017 ]

### **Test Technician**

**Yazaki Component Technology SRL**

**City:** Arad | **Country:** Romania

- technical test engineer
- debug issues and correct them
- learning new programming languages and the first time working with the object oriented programming in VB.NET
- learning how to manage and use the principals of the Integrated Circuit Test
- working with parallel threads in programming
- working in automotive

## **EDUCATION AND TRAINING**

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[ 01/10/2016 – 05/07/2019 ]

### **Engineer/Programmer**

**University "Aurel Vlaicu" of Arad - Faculty of Exact Science**

**City:** Arad | **Country:** Romania | **Field(s) of study:** Computing

Specialization- Computer Science

- programming skills
- working like a team based on Agile principles even it was University
- working on different environment like Android, Linux, Windows
- different algorithms for resolving problems in programming
- learn how to be a researcher
- advanced analysis
- finished with **10 based on the McEliece -MDPC cryptosystem for Quantum Computing** paperwork and having a Java application for this algorithm

[ 15/09/2011 – 01/07/2015 ]

### **Graduate with baccalaureate of the real profile "Mathematics and Intensive Informatics"**

**National College "Elena Ghiba Birta" Arad**

**City:** Arad | **Country:** Romania | **Field(s) of study:** Mathematics

General skills:

- languages: Romanian, English, French
- maths, computer science
- finished with 9.10

## **LANGUAGE SKILLS**

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**Mother tongue(s):** Romanian

**Other language(s):**

### **English**

**LISTENING B1 READING B1 WRITING B1**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## **DRIVING LICENCE**

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**Motorbikes:** AM

**Cars:** B1

**Cars:** B

## ORGANISATIONAL SKILLS

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### Organisational skills

- abilities of leading, mentoring a team
- abilities of negotiation
- the compliance of deadlines terms
- the reaction speed in some critical situations
- attention to details
- interest in continue development
- taking my responsibilities and responding for my mistakes

## COMMUNICATION AND INTERPERSONAL SKILLS

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### Communication and interpersonal skills

- coordinate a team of 3 people to prepare the data
- we work into an agile team, with sprints, trying to apply the process of double check with our client the final result of our work
- good abilities of communication, mentoring, leading a team
- trying to create a nice environment to grow, finding new projects that helps the internal company to increase their value
- sustaining presentation to offer the best understanding of our data - driven project
- the capacity of adaptation on different multicultural environments

## JOB-RELATED SKILLS

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### Job-related skills

- C# advanced skills
- Python intermediate skills
- API, EF - entity framework with asp.net core 3
- SQL Server advance skills
- Redshift - intermediate skills
- AWS - Lambda Functions, Event Bridge, VPC, S3
- Unit tests
- Data Science and Data Analysing skills
- Design patterns skills
- IT manager beginner skills

## OTHER SKILLS

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### Other skills

- Certified Associate Python Programmer -> <https://www.credly.com/badges/43f3d2d1-14f4-49e3-a71c-f993bc02d807>
- [https://www.youracclaim.com/badges/6876e714-123e-4d6c-8dad-e18300ef9e91/public\\_url](https://www.youracclaim.com/badges/6876e714-123e-4d6c-8dad-e18300ef9e91/public_url)
- mathematics mind and this involves algorithm
- opened in researching, thinking, listening and applying problems
- reading : passionate reader, about science, biology, mathematics and physics
- fitness lover with passion for mountains

**Links:** <https://www.credly.com/badges/43f3d2d1-14f4-49e3-a71c-f993bc02d807> | [https://www.youracclaim.com/badges/6876e714-123e-4d6c-8dad-e18300ef9e91/public\\_url](https://www.youracclaim.com/badges/6876e714-123e-4d6c-8dad-e18300ef9e91/public_url)