Tișcă Cătălin George

Date of birth: 03/03/2006 | **Nationality:** Romanian | **Phone number:** (+40) 746504264 (Home) |

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Address: Romania (Home)

WORK EXPERIENCE

10/02/2023 – 17/09/2024 Bucharest, Romania
INTERNATIONAL WEB TECHNOLOGIES COMPETITOR WORLDSKILLS ROMANIA

- Represented Romania as a WorldSkills Web Technologies competitor in various international and national competitions.
- Gained hands-on experience with numerous frameworks and cutting-edge web technologies.
- Participated in specialized training programs in Shanghai, Abu Dhabi, Belgium, and Hungary, enhancing technical and problem-solving skills.
- Developed multiple projects during training, refining my expertise in software engineering and web development.

01/06/2022 – 16/10/2023 Cluj-Napoca, Romania
SOFTWARE DEVELOPER AND PROJECT MANAGER ACADEMIA "DESCOPERĂ-ȚI, PASIUNEA ÎN IT"

Tasks:
- Developed web applications using React and SpringBoot
- Managed a team that consisted of designers, testers, and developers.
- Engineered an IoT device, whose data can be visualized in the application mentioned earlier

Interviews & Articles:
- https://www.youtube.com/watch?v=o9aM9ym8sDI
- https://cluju.ro/solutii-digitale-la-problemele-momentului-aplicatii-de-la-cluj-pentru-fermieri-turisti-sau-zilieri/
- https://brasovstiri.ro/elevi-brasoveni-premiati-la-cluj-ce-aplicatie-au-pus-la-punct/

Github Repos:
- https://github.com/in-th3-l00p/farmcheck (backend)
- https://github.com/in-th3-l00p/farmcheck-frontend (frontend)

16/01/2023 – 05/05/2023 Brașov, Romania
MECHATRONICS ENGINEER INFOTRON

- Built a custom drone powered by an ESP32 MCU.
- Designed the 3D model in Fusion360 and printed it using PLA and PETG on an FDM 3D printer.
- Developed software in C++ using the ESP-IDF framework.
- Gained expertise in electronics, engineering, and 3D modeling.

10/07/2023 – CURRENT Brașov, Romania
FULL STACK DEVELOPMENT FREELANCER -

I have developed a range of web applications and websites for various clients, including:
- https://atenavolley.ro
- https://infopubele.ro
- https://viainfo.info/

More information about my prior work can be found at: https://tiscacatalin.com.

11/09/2022 – 01/08/2023 Brașov, Romania
FTC ROBOTICS PROGRAMMING TEAM LEADER KRONBOT

Tasks:
- Engineered robotics software using Java and FTC SDK
- Took part of the building process of the robot that participated in the Romania's national competition of the First Tech Challange
- Taught other team members programming, math, and software design patterns

Socials:
- https://www.instagram.com/kronbot/
- https://www.facebook.com/KronBOT/

Github repo:
- https://github.com/kronbot/powerplay

EDUCATION AND TRAINING

13/09/2021 – 06/06/2025 Brașov, Romania
HIGH SCHOOL, MAJORING IN MATHEMATICS COMPUTER SCIENCE / INTENSIVE COMPUTER SCIENCE
Colegiul Naţional de Informatică "Grigore Moisil" Braşov

- **Diploma Name:** Diplomă de Bacalaureat
- **Date:** Scheduled after high school graduation in 06/06/2025
- **Current Status:** Enrolled in the final year of high school
- **Final Examination Subjects:**
  - Mathematics
  - Romanian Language and Literature
  - Computer Science

Website https://moisilbrasov.ro/ │ **Field of study** Mathematics and Computer Science │ **Final grade** - │ **Level in EQF** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	B2

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

HONOURS AND AWARDS

15/09/2024
Medal of excellence & Best of Nation Award at WorldSkills Lyon 2024 – WorldSkills

Achieved 8th place internationally and won two medals while representing Romania at an international olympiad focused on app development using technologies such as React, Laravel, and MySQL.

Link https://worldskills2024.com/en/skills/web-technologies-2/

10/09/2023
Medal of Excellence at EuroSkills Gdansk 2023 – WorldSkills

Received a medal at a European competition for developing applications using React, Laravel, and other modern web technologies.

Link https://www.worldskills.ro/euroskills-gdansk-2023-romania-5-medalii-in-3-meserii-skills/

03/11/2024
1st place at Arbitrum Stylus hackathon – ETH Bucharest

Collaborated as part of a three-person team to develop a blockchain-based machine learning model in Rust. The model operated on an Ethereum Layer 2 blockchain using Arbitrum Stylus technology.

Link https://tiscacatalin.com/articles/bucharest-arbitrum-hackathon-hackathon-experience

04/08/2024
4th at WorldSkills Exchange Event in China, Shanghai – WorldSkills China

Secured 4th place at the WorldSkills Exchange Event in Shanghai, China, by developing web applications using React and Laravel, showcasing technical expertise and innovation.

Link https://www.facebook.com/story.php?story_fbid=1012281140908187&id=100063789300253&_rdr

14/10/2023
1st place at StarTech Days Belgium competition – WorldSkills Belgium

Participated in the Belgium Web Technologies national competition, where I developed web applications using React and Laravel.

31/07/2024
Silver Medal & Honorary mention at "InfoEducație" software development contest – InfoEducație

Achieved 6th place at the national software development competition "InfoEducație" for developing a web application that leverages AI-powered technology to create business branding.

Link https://github.com/in-th3-l00p/beyondbrand

23/08/2024
Certificate of Excellence for Outstanding Achievements – The Government of Romania

Received a Certificate of Excellence from the Government of Romania for exceptional results achieved at the WorldSkills Lyon 2024 competition, recognizing outstanding performance, dedication, and technical expertise.

Link https://foto.agerpres.ro/foto/detaliu/17671616

4th place at WorldSkills Asia Abu Dhabi competition – WorldSkills Asia

Achieved 4th place at the WorldSkills Asia competition in Abu Dhabi, showcasing advanced skills in web technologies. Successfully developed high-quality applications under competitive conditions, demonstrating technical expertise, creativity, and problem-solving abilities.

21/09/2023
1st place at the international Consolid8 hackathon – Consolid8

Secured 1st place for two consecutive years (2022-2023) by developing a business model and software solutions to address environmental challenges, collaborating effectively within a team.

18/05/2024
Silver medal & Honorary mention at National C# Olympiad – Ministerul Educației România

Designed and developed a comprehensive C# application utilizing the WinForms framework.

14/01/2025