

Tișcă Cătălin George

Software Developer

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Websites, Portfolios, Profiles

- <https://github.com/in-th3-loop>

I am a skilled software developer with extensive experience across a wide range of technologies, including C#, Java, the Spring framework, React, Node.js, Laravel, and Python. My expertise has been honed through national and international competitions, where I have consistently demonstrated my ability to innovate and excel. With a strong foundation in desktop and web technologies, data structures, algorithms, and full-stack development, I am committed to excellence and continuous learning in the rapidly evolving field of software development.

Skills

Web development	●●●●●
Data structures & Algorithms	●●●●●
Desktop development	●●●●●
English	●●●●●
Romanian	●●●●●

Work History

2023-03 - Current **National C# Olympiad**

-, Brașov, Brașov, România

- Learnt to develop desktop applications using the C# programming language
- Got selected for participating at the national competition
- Rewarded with 7th place in the national competition

2023-02 - Current **International Web Technologies Competitor**

WorldSkills, International

- Won first place in the nationals
- Participated in many training competitions in the following countries: Hungary, Belgium, UAE
- Won 5th place at EuroSkills Gdansk 2023 WorldSkills competition
- Won first place at StarTech Days Belgium
- Won 4th place at WorldSkills Asia 2023 Abu Dhabi

- Stayed current on industry trends, software updates, and new techniques through continuous professional development opportunities.
- Engaged in communication with software developers globally.

2022-02 - Current Computer Science Olympiad

-, Braşov, Braşov, România

- Studied data structures & algorithms
- Received awards regarding my performance throughout the competition
- Selected for the national competition

2023-06 - 2023-12 Generația Tech

DigitalNation, România (Remote)

- Followed a Java backend development course, that focuses on the Spring framework
- Developed a social media fullstack application, using a React frontend and Java, with the Spring framework, as a backend
- Cultivated productive working relationships with colleagues from diverse backgrounds, fostering effective teamwork within the organization.
- Actively participated in continuous learning initiatives to stay updated on industry trends and advancements in technology.

2022-06 - 2023-10 Full Stack Web Developer

Academia "Descoperă-ți, Pasiunea În IT", România (Remote)

- Developed a web application using React.js and SpringBoot
- Engineered an IoT device, whose data can be visualized in the application mentioned earlier
- Implemented version control practices using Git, ensuring effective collaboration among team members while maintaining code integrity throughout the development lifecycle.
- Enhanced user experience by implementing responsive web designs for seamless browsing across various devices.

2022-09 - 2023-08 FTC Programming Team Leader

KronBot, Braşov, Braşov, România

- I've built, together with my team members, a robot that we used to compete in the national competition of the First Tech Challenge
- Optimized resource allocation to maximize overall team output while minimizing costs.
- Developed team members' skills through targeted coaching sessions, resulting in improved individual performance.
- Developed autonomous software for the robot, utilizing the output from odometry sensors to maintain accurate tracking of the robot's coordinates during its operational period.

2023-03 - 2023-06 Embedded Engineer

InfoTron, Braşov, Braşov, România (Remote)

- Successfully completed an educational course focused on the development of embedded software, as well as electronics and hardware engineering, specifically

targeting ESP32 Microcontroller Units (MCUs)

- Engineered a drone, fabricated using 3D printing technology, equipped with custom-developed software and a flight controller constructed from the ground up. The device is controlled via a minimalist TCP protocol

Education

Expected in 2025-
06

High School Diploma

Colegiul Național De Informatică "Grigore Moisil" - Brașov

Accomplishments

- Notable achievement at the National C# Olympiad in Romania, showcasing skill in developing intricate desktop applications and securing a top place.
- Success in international web technology competitions, with victories and high placements across Hungary, Belgium, and the UAE.
- Proud 5th place at Web Development EuroSkills Gdansk competition.
- Victory at StarTech Days in Belgium, on Web Technologies.
- 4th place in Abu Dhabi Web Technologies WorldSkills competition.
- First place in the Consolid8 Entrepreneurship Hackathon.
- Team leader of an FTC team selected for the national FTC competition.
- Accolades in data structures and algorithms at the Computer Science Olympiad, highlighting technical proficiency.
- Mastery of Java through the Generatia Tech and DpIT programs.