



Cătălin Raul Halic

Date of birth: 06/08/1994 | **Place of birth:** Arad, Romania | **Nationality:** Romanian |

Gender: Male | **Phone number:** (+40) 0751066247 (Mobile) | **Email address:**

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ABOUT ME

With over 10 years of hands-on experience in software development, I have cultivated a diverse skill set across various platforms and frameworks. My journey began with Java, where I honed my programming skills and laid the foundation for my career. Over time, I expanded my expertise to include cutting-edge technologies such as Flutter for cross-platform mobile app development and Angular for dynamic web applications. As a trainer at SDAcademy, I am committed to empowering the next generation of developers with the knowledge and skills they need to succeed in the ever-evolving tech industry. Through interactive workshops, lectures, and hands-on projects, I strive to instill a passion for coding and foster a collaborative learning environment.

In addition to my role as a developer and educator, I am deeply fascinated by the potential of IoT and robotics to transform our world. Whether it's building smart devices or experimenting with autonomous systems, I am always eager to explore new possibilities and push the boundaries of innovation.

Skills:

- proficient in Flutter for cross-platform mobile app development
- extensive experience with Java, MongoDB, Angular, TypeScript, NodeJS, and Express
- expertise in Ionic Framework for building hybrid mobile apps
- strong understanding of software architecture and design principles
- skilled in mentoring and training aspiring developers
- passionate about IoT and robotics, with a keen interest in exploring emerging technologies

WORK EXPERIENCE

 **UNIVERSITATEA "AUREL VLAICU" DIN ARAD** – ARAD, ROMANIA

INFORMATION TECHNOLOGY SPECIALIST – 01/10/2024 – CURRENT

- Teaching and mentoring students in Web Technologies and Web Security.
- Designing and delivering curriculum to enhance students' understanding of modern web development frameworks and security best practices.
- Focusing on practical, hands-on projects to bridge the gap between academic learning and real-world applications.
- Guiding students through the complexities of front-end and back-end development, ensuring they grasp essential web security principles like secure coding, authentication, and encryption.
- Collaborating with university departments to integrate cutting-edge tools and technologies into the learning process.

 **ENDAVA** – TIMISOARA, ROMANIA

DEVELOPMENT CONSULTANT – 01/11/2021 – CURRENT

Flutter Developer - Conference App (WebRTC, Flutter 3)

Java Trainer - Java training for internships and involved in projects with Polytechnic University and West University of Timisoara

Angular Developer - Science field

 **SDACADEMY** – BUCURESTI, ROMANIA

JAVA - TECHNICAL TRAINER – 01/09/2020 – CURRENT

Experienced trainer with over two years of expertise in Java, Angular, and SQL. As a dedicated instructor, I have successfully guided numerous individuals and teams in mastering these technologies. With a deep understanding of Java programming language, Angular framework, and SQL database management, I deliver comprehensive training sessions that cover key concepts, industry best practices, and practical application. Through a combination of

theoretical instruction, hands-on exercises, and real-world examples, I provide learners with the skills and knowledge necessary to develop robust and scalable Java applications, build dynamic web interfaces using Angular, and effectively work with SQL databases. With a passion for empowering others and a track record of delivering high-quality training, I am committed to helping individuals excel in their Java, Angular, and SQL journey and succeed in their software development careers.

 **STRAIGHTAD** – ARAD, ROMANIA

DEZVOLTATOR DE APLICAȚII MOBILE – 31/03/2019 – 30/10/2021

As an Flutter front-end developer specializing in transport apps, you possess the skills and knowledge to create dynamic and user-friendly interfaces for transportation-related applications using the Flutter framework. With Flutter's cross-platform capabilities, we can develop apps that run seamlessly on both iOS and Android devices, providing a consistent user experience. In the transport app domain, we would use Flutter UI components, navigation system and integration with Angular to design and implement features that cater specifically to the needs of users in the transportation industry. This could include functionalities such as real-time tracking and monitoring of vehicles, route planning and optimization, driver and fleet management, booking and reservation systems, payment integration and customer feedback mechanisms.

 **ICEBIRD SOFTWARE** – ARAD, ROMANIA

DEZVOLTATOR DE SOFTWARE – 30/11/2017 – 31/01/2019

- mobile application development (Android, iOS)
- web application development (Angular)
- hardware solution development with Raspberry Pi

Mobile Applications:

- Asistcar available on Google Play & AppStore
- e-camion.ro available on Google Play & AppStore
- Loot Game available on Google Play
- Brainz available on Google Play & AppStore

 **BAUM ENGINEERING ROMANIA** – ARAD, ROMANIA

DEZVOLTATOR DE APLICAȚII MOBILE – 31/03/2017 – 28/11/2019

- mobile application development (Android, iOS, Windows CE6)
- server application development in Java

 **CUMPUTER VOICE SYSTEMS** – ARAD, ROMANIA

DEZVOLTATOR DE SOFTWARE – 31/05/2015 – 28/02/2016

- development of utility application for managing XML files in C++
- development of utility application for managing XML files in Java

● **EDUCATION AND TRAINING**

30/09/2013 – 30/06/2016 Arad, Romania

INFORMATICA APLICATA IN STIINTE, TEHNOLOGIE SI ECONOMIE Universitatea Aurel Vlaicu

Address Strada Elena Dragoi, numarul 2, Arad, Romania

30/09/2016 – 30/06/2018 Arad, Romania

LICENTIIAT IN INFORMATICA

Address Strada Elena Dragoi, numarul 2, Arad, Romania

01/10/2025 – CURRENT Timisoara, Romania

DOCTOR OF SCIENCE West University of Timisoara

Website <https://feaa.uvt.ro/ro/> | **Field of study** Information and Communication Technologies

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLEZA	C1	C1	C1	C1	C1

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

● SKILLS

Navigare Internet | Social Media | Microsoft PowerPoint | Microsoft Word | Microsoft office word | ECDL Utilizator experimentat | Public speaking | Organizare si monitorizare echipa de lucru | iOS | develop software prototype | mobile operating systems | GIT | SQL | Java | Flutter | Angular Framework

● PUBLICATIONS

2025
Ethics of Artificial Intelligence in Business: Challenges, Applications and Pathways for Responsible Innovation

Cristian Ciurea, Paul Pocatilu, Florin Gheorghe Filip, 2025

Authors: Cătălin Raul Halic, Marcela Florea, Dominic Bucerzan, Crina Anina Bejan | Journal Name: Proceedings of 24th International Conference on Informatics in Economy (IE 2025)

2025
Artificial Intelligence Act and GDPR: Implications for AI Solution Developers and Users in Romania

CONFERINTA DE DREPT COMPARAT SI INTERNATIONAL Conferință internațională Editia A V-A

Authors: Crina Anina Bejan, Camelia Daciana Stoian, Dominic Bucerzan, Catalin Raul Halic, Radu Nicolae Stoian | Journal Name: CONFERINTA DE DREPT COMPARAT SI INTERNATIONAL Conferință internațională Editia A V-A

● DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

● CONFERENCES AND SEMINARS

15/05/2025 – 18/05/2025 Bucuresti
The 24th International Conference on Informatics in Economy (IE 2025)

27/06/2025 Bucuresti
CONFERINTA DE DREPT COMPARAT SI INTERNATIONAL Conferință internațională Editia A V-A