

PERSONAL INFORMATION

Name	Alexandru-Ionuț Nițu
Address	[REDACTED]
Telephone	[REDACTED]
Email	[REDACTED]
Nationality	Romanian
Date of birth	[REDACTED]
Sex	Male



I've been passionate about technology for as long as I can remember. I started programming early, participating in competitions in high school and getting **my first job at 16**. Over the years, I advanced from junior programmer to **Product Owner** and eventually **CTO**, building and leading **multiple development teams**.

As CTO, I oversee **product development**, **manage key client databases**, and implement **DevOps** and **Agile** methodologies. I've worked with major clients like **AD Auto Total**, **Aqua Carpatica**, **Auchan**, **DSV Solutions**, **Renault**, and **Vel Pitar**. I played a key role in achieving **ISO 27001** certification, strengthening security, and securing **Microsoft Gold Partner** status. I also contribute to strategic decisions and represent the company at industry events.

PROFESSIONAL EXPERIENCE

Oct. 2022 – Feb. 2025

Chief Technology Officer at Axes Software SRL, Bucharest, Romania

- Defined and led the company's technology strategy, aligning it with business goals and customer needs.
- Oversaw platform architecture and development, ensuring scalability and adaptability.
- Built and managed development teams, fostering collaboration and accountability.
- Worked with executive leadership and external partners to integrate technology into the company's growth strategy.
- Strengthened the Microsoft partnership, contributing to the Microsoft Gold Partner certification.
- Represented the company at international events, delivering presentations and participating in panels.
- Engaged directly with customers to understand their needs and improve products.
- Managed technology projects and budgets to ensure efficient resource use.
- Supervised IT security and compliance with industry standards, including ISO 27001.

May 2015 – Oct. 2022

Product Manager Transport Management System Officer at Axes Software SRL, Bucharest, Romania

	<ul style="list-style-type: none"> Developed custom solutions from scratch, including plugins, external system integrations, and database-level customizations through stored procedures, views, and tables. Designed and implemented maintenance and disaster recovery plans to ensure data integrity and availability. Created the architecture for a customizable application, allowing tailored solutions for different clients. Administered and optimized databases for major clients, including Auchan, Renault, Vel Pitar, DSV Solutions, AD Auto Total, Aqua Carpatica, and others. Improved database performance through indexing, in-memory tables, and advanced optimization techniques. Technologies used: C#, T-SQL, DevExpress, ASP.NET
Jun. 2012 – May 2015	Software Developer at Axes Software SRL, Bucharest, Romania <ul style="list-style-type: none"> Started as a junior part-time software developer at 16, during high school. Gained experience in T-SQL, database design, and optimization, working with ASP.Net, Windows Forms, C#, and DevExpress. Contributed to the development of a Warehouse Management System (WMS) and other logistics applications. Focused on database development, including query optimization, stored procedures, and data modeling. Acquired foundational knowledge in logistics software solutions and database-driven applications. Technologies used: C#, T-SQL, DevExpress, ASP.NET
Sep. 2018 – Dec. 2020	T-SQL Trainer at Learning Solution Training Srl, Bucharest, Romania <ul style="list-style-type: none"> Instructor for Course 20761 – Querying Data with Transact-SQL Microsoft Certified Training Center, authorized Pearson VUE and Certiport Test Center Delivered training to multiple groups of students
Apr. 2017 – Dec. 2017	C# Instructor at Pro Management Training Center, Bucharest, Romania <ul style="list-style-type: none"> Instructor for Course 20483 – Programming in C# IT Course School Delivered training to multiple groups of students
Mar. 2015 – May 2015	Substitute teacher at Grigore Moisil National College, Bucharest, Romania <ul style="list-style-type: none"> Substitute teacher of Computer Science for two twelfth grades. Baccalaureate preparation, Oracle databases, web techniques.
EDUCATION AND TRAINING	



2020-2025	Doctoral Studies at Bucharest University of Economic Studies <ul style="list-style-type: none"> PhD student at the Faculty of Cybernetics, Statistics, and Economic Informatics. Researching Cloud Computing and Agile Software Development. Exploring modern software development methodologies and scalable cloud architectures to propose innovative solutions for business process optimization. Published multiple articles in internationally indexed journals. Actively participating in national and international conferences, presenting research findings, and collaborating with experts from academia and industry.
2018 - 2020	Master's in Information Security, specializing in Cybersecurity, at Bucharest University of Economic Studies <ul style="list-style-type: none"> Completed a Master's program in Information Security (ISM), earning an M.Sc. (2 years). Specialized in Database Security, Cryptography, Cloud Security, Multimedia Security, and ICT Security Systems Audit. Studied Laws and Regulations related to IT security and Computer Networks Security. Gained expertise in a wide range of cybersecurity topics essential for securing modern IT systems.
2015 - 2018	Bachelor's degree at Bucharest University of Economic Studies
CERTIFICATIONS	
2018	Querying Data with Transact-SQL issued by Microsoft
2015	Specialist: Programming in C# issued by Microsoft
2013	MCPS: Microsoft Certified Professional issued by Microsoft
2013	MTA: Software Development Fundamentals issued by Microsoft
PUBLICATIONS	
2025	<i>Tracking Patient Movements Using an IoT and RFID System – A Case Study in a Romanian Clinic</i> , published in <i>Humanitarian and Healthcare Logistics, Logistics, MDPI</i>
2024	<i>Efficiency and Cost-Effectiveness in Agile DevOps with Cloud Computing</i> , presented at the <i>International Conference on Business Excellence</i>
2023	<i>A Practical Agile Route Optimization Solution for Transport of Goods</i> , presented at the <i>27th International Conference on System Theory, Control and Computing</i>



2022	An Algorithm for Transport Optimization as the Effect of the European Green Deal and Climate Neutrality Goals , published in <i>Informatica Economica</i>				
2022	Ensuring Data Security in Cloud Computing , presented at the 39 th International Business Information Management Association				
2021	Agile Software Development for Vaccine Delivery , published in <i>Informatica Economica</i>				
HONORS & AWARDS					
2015	First Prize at ITFest 2015, National Selection , awarded by the Bucharest University of Economic Studies.				
2014	Second Prize at ITFest 2014, National Selection , awarded by the Bucharest University of Economic Studies				
2014	Third Prize at Info Matrix 2014, National Selection , awarded by the University of South-East Europe Lumina				
PERSONAL SKILLS AND COMPETENCES					
Mother tongue	Romanian				
Known foreign languages					
Self-assessment	Understanding		Speech		Writing
European level (*)	Obedience	Read	Join the conversation	Oral Discourse	
English	B2	B2	B2	B2	B2
	(*) The Common European Framework of Reference for Languages				
Social skills and abilities	Disciplined, sociable, energetic, cooperative, creative, positive attitude, goodwill, optimistic, practical spirit				
Organizational skills and abilities	Adaptable, flexible, responsible, persuasive, stable, teaching, patient				
Driver's license	AM, B1, B				

