



Cosmin-Ioan Roșu

Software Engineer

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📍 Bucharest, Romania

SKILLS

Code Quality Checks
Frontend Engineering
Database Solutions
Business Logic Design
Script Automation
Software Architecture
Event-Driven Design
DevOps Practices

PROFILE

Result-oriented Software Engineer with a strong foundation in scalable software solutions and a Master's in Computer Science. Proficient in Java, Spring, and React, with extensive experience in DevOps and database management. Committed to driving efficiency through automation and ensuring high code quality, while continuously contributing to service architecture enhancements.

WORK EXPERIENCE

Software Engineer

Special Telecommunications Service of Romania (STS), Bucharest / July 2023 - Current

- Built and maintained scalable software solutions with experience spanning DevOps, observability, databases, event-driven architecture, and frontend development in React.
- Designed and implemented complex business logic using Java 17 and Spring, while improving shared libraries and contributing to service-level architectural enhancements.
- Automated repetitive processes using scripts and dedicated tools, reducing delivery time.
- Conducted code reviews to uphold code quality and support team-wide best practices.

EDUCATION

Highschool

"Nicolae Grigorescu" National College, Câmpina / 2015 - 2019

Bachelor's degree

"Ferdinand I" Military Technical Academy, Bucharest / 2019 - 2023

Computer Science

Master of Science in Computer Science (Focus: eGovernment)

National University of Science and Technology POLITEHNICA, Bucharest / 2023 - 2025

- Specialized in digital governance, public sector information systems, and scalable software solutions.
- Research and coursework emphasized databases, software architecture, and secure event-driven systems for government and enterprise applications.