



Lucian Gruia

Software Architect

I am a Software Architect with over 13 years of hands-on coding experience in Telecom, Fintech, Aerospace & MedTech. I specialize in designing frameworks and complex solutions for real-time systems..

Proficient in Java and Python with a deep understanding of architectural design patterns and procedural, object-oriented, and functional programming paradigms.

Highly skilled in System Performance, Data Integrity, Fraud Detection and Agentic Architecture.

Experienced in leading international teams in both enterprise and startup environments.

Education

2024

Certified Neo4j Professional
Graph Academy

2023 - 2026

PhD Researcher (AI, GraphDB)
University "POLITEHNICA" of Bucharest"

2022

Certified AI Developer
Global Tech Council

2021

Certified Blockchain Expert
Blockchain Council

2008-2012, 2012-2014

BSc, MSc - Electronics & Telecom
University "Politehnica of Bucharest"

Expertise

- Programming (Java, Python stacks)
- Telecommunications
- Fintech
- Aerospace
- Artificial Intelligence
- MedTech

Interests

- Physics
- Cutting Edge Technologies
- Societies & Organisations
- Travelling
- Organizing events

Get in Touch

My Digital Home
luciangruia.ro

LinkedIn
[linkedin.com/in/luciangruia](https://www.linkedin.com/in/luciangruia)

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Background

○ Nov 2023 - Present

Ciklum

Principal Data & AI Tech Lead

Leading Data/AI CoE growth, driving architectural strategy, handling pre-sales, championing technology adoption, developing educational programs, steering individuals' career paths, and overseeing recruitment.

○ Oct 2022 - Oct 2023

Ciklum

Principal Java Developer & Solution Architect

Leading international teams, designing and reviewing solutions architecture, publicly presenting technical topics, overseeing knowledge transfer processes.

○ Oct 2019 - Sept 2022

CN Group -> Flatirons Solutions

Java Tech Lead

Leading an international team - spread over 8 timezones, that handles designing and implementing Java-based frameworks for aerospace & defence customers (manufacturers and airlines).

○ Aug 2012 - Sept 2019

Orange, Orange Services, Orange Money

Senior Software Development Engineer

Designing & implementing highly scalable frameworks, using Java/Spring for telco & fintech applications. Mentoring junior engineers.

Volunteering

○ 2008 - Present

LSE (Electronics Students League)

Board Member & Senior Advisor

Developing the organizational culture and multidisciplinary projects in one of the most influential student NGOs in Romania. Advising the Board regarding long-term strategy. Improving the organizational structure and validating internal regulations and official documents.