

Costin Gheorghe

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Profile

Middle Full-Stack Engineer | Distributed Systems | AI

Full-stack focused engineer specializing in scalable distributed systems and AI-powered platforms. Experienced in designing high-performance architectures, handling large-scale data, and building production-grade RAG systems. Strong focus on performance, reliability, and real-world impact.

Work Experience

05/2025
Bucharest, Romania

Technical Consultant & Architect | Full-Stack Devista

- Led development of a large-scale case management platform used by hundreds of users across legal and ERP workflows.
- Designed distributed backend architecture handling millions of entities and high-throughput transactional workloads.
- Architected and deployed AWS infrastructure with full CI/CD pipelines across multiple environments.
- Built enterprise-grade RAG platform over 3TB+ data using Gemini API, OCR, and Qdrant, enabling semantic search across millions of documents.
- Implemented advanced retrieval pipelines (query routing, reranking, parallel search), improving response quality and accuracy.
- Automated internal workflows using AI, reducing manual processing overhead.

05/2025
Bucharest, Romania

Full-stack Developer 3nyble Technologies

- Maintained and extended internal operations platform across logistics, sales, and warehouse systems
- Optimized business-critical workflows including order processing, invoicing, and inventory tracking
- Developed automation tools for courier dispatching and delivery tracking, improving operational efficiency

06/2022 – 02/2024
Bucharest, Romania

Full Stack Developer Socialinsider

- Replaced the existing payment processing system, reducing transaction costs and improving checkout performance for ~\$70k monthly volume
- Led over 80% of a full platform redesign, significantly improving user retention and overall usability across key flows
- Designed and implemented backend and infrastructure optimizations for high-volume processing systems, reducing daily computation time from ~12h to 3h through parallel processing (distributed queues, concurrency control, and scalable node architecture)

Education

01/2023 – 12/2025

Data Modeling/Warehousing and Database Administration | Master's degree University POLITEHNICA of Bucharest

01/2019 – 12/2023

Computer Science | Bachelor's degree University POLITEHNICA of Bucharest



Certificates

12/2025	End-to-End AI Engineering Bootcamp Maven https://maven.com/wrap-up/4bd75e8d
07/2021	Java Programming Google Digital Garage https://drive.google.com/file/d/1x4xVKYKA3M0IFoEEbRFXLPbUIDghZRuX/view?usp=sharing
05/2021	Web Programming hackademy.ro
09/2020	Python Programming Coursera



Skills

Backend
NODE, NEST, JAVA (SPRING), RABBIT, KAFKHA

Frontend
ANGULAR, REACT, NEXTJS

Databases
POSTGRESQL, MONGODB, MSSQL, REDIS

AI
RAG, LLMS, VECTOR SEARCH, OCR, AGENTIC SYSTEMS



Projects

10/2023 – 11/2024 Remote, Romania	Paperchat - Built and launched AI-powered document chat platform with 5k+ users, enabling semantic PDF interaction using LLM-based retrieval - Designed scalable backend architecture for document ingestion, embeddings, and real-time chat processing
03/2025 – 11/2025 Remote, Romania	Outsoci - Built automated lead generation system extracting and enriching B2B leads from web sources - Designed scraping and data pipeline infrastructure for structured lead aggregation and grow the platform to over 200+ users
04/2026 – present Remote, Romania	LazySEO Built an end-to-end AI SEO platform — automated content pipelines, keyword research, competitor analysis, LLM article generation, and multi-CMS publishing (WordPress, Ghost, Webflow, Shopify)