

ȘERBAN PAUL BOGHIU

Solutions Architect

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PROFESSIONAL SUMMARY

Solutions Architect with 10+ years of experience designing and delivering enterprise platforms across fintech, healthcare, payments, loyalty and travel technology. Expertise in .NET, cloud-native and distributed systems, database modernization, software architecture, and NLP/LLM solutions. Experienced in leading technical initiatives, mentoring engineers, and delivering scalable, high-performance solutions in international environments.

KEY ACHIEVEMENTS

- 10+ years of commercial software engineering experience.
- Led solution design, technical estimations, architecture decisions and mentoring activities.
- Contributed to cloud migration and database modernization initiatives across multiple platforms.
- Delivered projects for global organizations and clients including Mastercard, LSEG, Veri Vox and Signant Health.
- Pursued doctoral studies in Artificial Intelligence and contributed to research projects.

CORE SKILLS

.NET, ASP.NET Core, Angular, TypeScript, Web APIs, Microservices, Distributed Systems, SQL Server, PostgreSQL, DynamoDB, Cosmos DB, MongoDB, Cloud Architecture, Docker, Kubernetes, CI/CD, DevOps Pipelines, Jenkins, TeamCity, Natural Language Processing (NLP), Large Language Models (LLMs), System Design, Performance Optimization, Technical Leadership.

PROFESSIONAL EXPERIENCE

Solutions Architect

Data Space SRL

Aug 2022 - Present

- Defined solution architectures, technical estimates and implementation approaches for business-critical systems.
- Designed and delivered distributed .NET services, APIs and integrations across healthcare, travel, payments, loyalty and clinical research platforms.
- Led cloud migration, database modernization, performance optimization and automated testing initiatives.
- Improved reliability and maintainability through refactoring, defect resolution and production support.
- Collaborated with international stakeholders and mentored engineers throughout delivery.

PROFESSIONAL EXPERIENCE (CONTINUED)

Senior Software Engineer

NTT DATA

Sep 2021 - Sep 2022

- Delivered banking platform features and promoted technical debt reduction initiatives.

Software Technical Lead

AROBS Group

Aug 2019 - Sep 2021

- Owned technical estimations, solution design and architectural decisions.
- Mentored engineers, led code reviews and supported application modernization.

Software Engineer

Ness Digital Engineering Romania

Aug 2018 - May 2019

- Built healthcare enrollment applications and implemented secure coding practices.

Software Engineer

Levi9 Technology Services

Dec 2017 - Jul 2018

- Led backend activities, onboarding and code reviews.
- Improved application performance through Entity Framework query optimization.

Junior Full Stack Developer

RomSoft

Jul 2015 - Dec 2017

- Delivered customer-facing features and integrations.
- Performed code reviews and stakeholder demonstrations.

EDUCATION

Doctoral studies, Artificial Intelligence (commenced 2018) - Alexandru Ioan Cuza University, Iași

MSc, Distributed Systems (2016–2018) – Alexandru Ioan Cuza University, Iași

BSc, Computer Science (2013–2016) – Alexandru Ioan Cuza University, Iași