

# Sebastian Luchian

.NET Backend Engineer | Backend Systems, E-commerce & Business Applications  
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## PROFESSIONAL SUMMARY

.NET Software Engineer with professional experience since 2022, focused on backend systems, e-commerce platforms, REST APIs, relational databases, and business applications. Experienced in maintaining production .NET systems, modernizing legacy code, improving SQL-backed data access, debugging production issues, and delivering features where correctness, stability, and maintainability matter.

## EXPERIENCE

### APE3CODELAB S.R.L.

Aug. 2022 – Present

*.NET Software Engineer*

*Romania*

- Worked as a core contributor on BOTB, a live e-commerce/CMS platform, delivering backend, database, CMS, admin, and customer-facing functionality for production business flows.
- Implemented web-facing features using React from Figma designs and maintained legacy AngularJS/jQuery interfaces connected to existing .NET and CMS-backed functionality.
- Optimized cart and checkout-related backend flows by improving service logic, SQL-backed data access, and Redis-based synchronization, with a focus on reducing latency and improving consistency.
- Modernized legacy .NET modules by analyzing existing business rules, refactoring fragile code paths, fixing edge cases, and reducing the risk of production regressions.
- Designed and adjusted SQL Server schemas, Entity Framework mappings, LINQ/SQL queries, repositories, and data access patterns to support changing e-commerce and CMS requirements.
- Built backend functionality for internal and client-facing business systems involving REST APIs, authentication, authorization, role-based access, document workflows, audit history, reporting filters, and admin operations.
- Investigated and resolved production issues using logs, debugging, database inspection, request-level analysis, and targeted fixes across backend, data, CMS, and frontend integration layers.
- Created Python utilities for scraping, structured data extraction, reporting support, automation, and repetitive manual work reduction across operational projects.

## TECHNICAL SKILLS

**Backend:** C#, .NET Framework, .NET, ASP.NET Core, REST APIs

**Data:** SQL Server, PostgreSQL, Entity Framework, EF Core, LINQ, SQL, Redis

**Web/CMS:** Razor, React, AngularJS, TypeScript, JavaScript, jQuery, Umbraco, HTML, CSS

**Tools:** Git, Docker, Swagger/OpenAPI, Linux CLI, Visual Studio, JetBrains Rider

**Automation:** Python, scraping, data extraction, reporting utilities

## EDUCATION

### Gheorghe Asachi Technical University of Iasi

2024 – 2026

*Master of Science in Embedded Systems*

*Iasi, Romania*

### Gheorghe Asachi Technical University of Iasi

2020 – 2024

*Bachelor of Science in Electrical Engineering*

*Iasi, Romania*

## CERTIFICATIONS

NVIDIA Deep Learning Institute – *Fundamentals of Deep Learning*

## LANGUAGES

Romanian – Native

English – Professional proficiency