



GELU MIHES

Senior Software Architect | .NET & Azure
Specialist | Enterprise Systems Leader

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Summary

Seasoned Senior .NET & Cloud Engineer / Technical Lead with over 15 years of experience designing, building, and scaling enterprise systems across cloud and on-prem environments. Expert in C#/.NET, Azure, and microservices, with deep experience in DevOps automation, data streaming (Kafka), and containerized deployments (Docker/Kubernetes). Proven track record leading distributed teams, driving architecture modernization, and delivering resilient platforms that integrate with Microsoft ecosystems (Graph, SCCM, Intune).

Core Technical Expertise

- Languages & Frameworks: C#, .NET (Core/5/6/7/8), ASP.NET Core (Web API, MVC, Razor), WPF, WinForms
- Cloud & DevOps: Azure (App Services, Key Vault, Storage, AAD, Functions), AWS (EC2, ECS), Docker, Kubernetes, Helm, CI/CD (GitHub Actions, Azure DevOps)
- Data & Persistence: SQL Server, PostgreSQL, MongoDB, Cosmos DB, DynamoDB, Redis, EF Core, Dapper
- Messaging & Observability: Kafka, RabbitMQ, ELK Stack, Elastic APM, Serilog, Application Insights
- Frontend: Angular 9+, AngularJS (legacy), TypeScript, HTML5, CSS3, JavaScript, Ag-Grid, Bootstrap
- Security & Identity: Keycloak, OAuth 2.0, OpenID Connect, JWT, Azure AD integration
- Architecture & Practices: Microservices, DDD-lite, Clean Architecture, CQRS, API design, testing automation, performance tuning
- Leadership & Process: Team management, architecture governance, sprint planning, stakeholder alignment, Agile/Scrum, code review best practices

Professional Experience

Senior IT Consultant — AppNiv Software Development (Freelance) (Nov 2021 – Present · London (remote))

- Designed and delivered a C#/.NET MVC application automating pre-deployment testing across Windows environments, reducing validation time by 80%.
- Built Azure-hosted service modules integrating SCCM, Intune, and Microsoft Graph API to automate SCCM-to-Intune migration.
- Defined best practices for cloud-native .NET development and mentored junior engineers.

Senior Software Engineer — Archive360 (Feb 2020 – May 2021 · Cluj-Napoca)

- Developed a multi-tenant enterprise archiving platform for Microsoft 365 using .NET 5, Kafka, and Cosmos DB.
- Implemented real-time orchestration with Kafka and Redis; designed Angular 9 UI with Ag-Grid.
- Drove observability (ELK + APM), improving mean time to resolution by 40%.

Senior Software Development Engineer — SDL plc (Feb 2017 – Feb 2020 · Cluj-Napoca)

- Implemented .NET Core 3.1 microservices with MongoDB; documented APIs with Swagger.
- Modernized a C# MVC monolith with JWT-secured endpoints and optimized SQL Server performance.
- Delivered modularization reducing deployment coupling by 35%.

Freelance Senior Full-Stack .NET Developer — PFA Mihes Gelu (Jan 2016 – Jan 2017 · Cluj-Napoca)

- Maintained a US school management system (ASP.NET, WCF, SQL Server).
- Built a dental clinic web app with AngularJS + C# Web API; layered architecture with Unity IoC and T4 code generation.

Delivery Manager — Betfair (May 2015 – Jan 2016 · Cluj-Napoca)

- Managed two teams (~14 engineers) ensuring delivery and quality; implemented agile ceremonies and reporting.
- Coordinated cross-team dependencies and stakeholder communications.

Team Manager — Small Footprint, Inc. (Jun 2013 – May 2015 · Cluj-Napoca)

- Managed a 6-person engineering team delivering .NET and mobile solutions.
- Notable projects: Uniform Designer (ASP.NET MVC 4 + jQuery), Cable self-service portal (Web API 2 + Dapper; 8-person team; 10 months).

Project Manager — Softvision (Sep 2012 – Jun 2013 · Cluj-Napoca)

- PM for remote/local Scrum teams (5–20 members); proposals, requirements, and architecture.

- Won bids in real-estate valuation and online bidding domains.

Team Lead — Softvision (Nov 2010 – Sep 2012 · Cluj-Napoca)

- Led delivery for Lynda.com (C# ASP.NET MVC) e-learning platform; feature development and estimation.
- Delivered WPF .NET 4.0 sync app; modernized legacy web systems to HTML5/CSS3/jQuery.

Senior Analyst-Programmer — Endava (May 2008 – Nov 2010 · Cluj-Napoca)

- Developed Sitecore-based ASP.NET app for Universal Studios UK; Windows Forms app for Romanian government pension management.
- Delivered Delphi 7 banking software; SQL Server admin and TCP/IP modules.

Analyst-Programmer — Transilvania General Import Export (TGIE) (Oct 2002 – May 2008 · Oradea)

- Developed in C#/.NET, Delphi, VB; SQL Server admin and development.
- Built TGIE Communicator (Delphi) used by 500+ users; created mobile SFA app in C#.
- Senior Analyst-Programmer — Consultronics Development Ltd. (Dec 2000 – Oct 2001 · Budapest)
- Developed NQMS systems using C/C++ with X-Motif GUI and Delphi/SQL backend.
- Implemented TCP/IP applications and scheduled call testing modules.

Selected Projects

- Automated Package Modernization: Azure-based solution for SCCM → Intune migration leveraging C# modules and Microsoft Graph API.
- Enterprise Archiving Platform: Microservices platform for M365 archiving with Kafka streaming, Cosmos DB, and Kubernetes.
- Cloud Migration Framework: Toolset for migrating legacy .NET apps to Azure App Services and Kubernetes.

Education

Master of Engineering — Universitatea din Oradea (2000)

Certifications & Courses

Microsoft Certified Technology Specialist (MCTS) — 2009

Sitecore Website .NET Developer — 2010

Sitecore CMS Advanced User — 2010

Languages

Romanian (native), Hungarian (fluent), English (professional)

Notes & Availability

Available for senior engineering, tech-lead, or cloud architecture roles. Driving license (B).
Willing to work hybrid/remote.

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