

Denis Costelas

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Full-Stack Software Developer with hands-on experience **designing, building, and running scalable applications** on **Azure**. I work across backend, mobile, and cloud, focusing not just on writing code, but on **shaping systems that are reliable, understandable, and built to last**. I've contributed to platforms supporting over **10,000 active users**, improving performance and stability through **CI/CD, containerization, and automation**. I enjoy collaboration, mentoring junior developers, and continuously learning as technologies and requirements evolve.

Professional Experience

Full-Stack Software Developer - ASP.NET & Cloud / DevOps

Monad Systems, Oradea 03/2023 - Present

<https://monad-systems.com/>

- Designed and implemented a highly scalable .NET system for hospital shift management and organizational scheduling, supporting over 10,000+ active users.
- Engineered a comprehensive dashboard platform for hospital administrators, providing real-time statistics, event scheduling, shift exchanges, and payroll calculations.
- Built and optimized RESTful APIs with ASP.NET Core and EF Core, reducing response time by 40% and increasing overall system efficiency.
- Designed and maintained CI/CD pipelines using GitHub Actions and Azure DevOps, automating build, test, and containerized deployments to Azure environments.
- Containerized backend services using Docker and Docker Compose to ensure consistent development and production environments.
- Developed and maintained cross-platform Flutter applications, implementing modular state management with Riverpod and GoRouter for efficient navigation and deep linking.
- Integrated Firebase Firestore with Node.js Cloud Functions to automate backend workflows and ensure data consistency for 15,000+ patient records.
- Created secure user authentication, RBAC, and encryption layers to comply with healthcare data protection standards.
- Oversaw and mentored a team of developers, delegating tasks and ensuring adherence to coding best practices and project timelines.

DevOps & Cloud

- Docker & Docker Compose, containerizing .NET applications
- Azure Virtual Machines, SSH access, firewall / NSG configuration

- CI/CD, GitHub Actions & Azure DevOps pipelines for build, test, and deployment
- Container Registries, Docker Registry & Nexus Repository
- Networking, ports, inbound rules, DNS issues, container networking
- Infrastructure Basics, environment configuration, secrets, deployment automation
- Monitoring & Logs, Docker logs, Nexus logs, application troubleshooting

Education

Bachelor of Engineering - Computer Engineering

Facultatea de Inginerie Electrică și Tehnologia Informației, Oradea 2022 - 2026

Mathematics and Informatics

Technical College Aleșandru Papiu Ilarian, Zalau 2018 - 2022

Technical Skills

Expert: .NET, C#, ASP.NET Core, Flutter, Dart, Azure App Services, Azure SQL Database, Azure DevOps, GitHub Actions

Proficient: CI/CD Pipelines, Docker, Cloud Infrastructure, Linux, Azure Virtual Machines

Certifications

Database Design Oracle

Oracle Academy (2024)

Database Programming with SQL Oracle

Oracle Academy (2024)

Course AZ-900T00-A: Introduction to Microsoft Azure Modules Completion

Microsoft (2025)

Awards & Achievements

1st Place, County Hackathon for Take Care

Innovation Labs Timisoara (2023)

1st Place, County Phase TIC Olympiad

Inspectoratul Scolar Județean Salaj (2022)

3rd Place, County Phase English Olympiad

Inspectoratul Scolar Județean Salaj (2018)

Portfolio

[Personal Portfolio Website](#) - Showcasing cross-platform applications, Flutter projects, and web dashboards emphasizing performance, scalability, and design precision.