

DANIEL SCHWARZ

Senior .NET Software Engineer | Technical Lead

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PROFESSIONAL SUMMARY

Senior .NET Software Engineer and Technical Lead with 4+ years of experience building and operating distributed systems and microservices. Experienced in technical leadership, CI/CD optimization, database performance, containerized deployments, and cloud and on-premises environments. Led a four-person engineering team and delivered systems serving more than 1 million users and hundreds of thousands of daily requests. Reduced deployment time by 50%, decreased Docker image size by 77%, and improved database migration performance by 8x.

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET 6-8, ASP.NET Core, Entity Framework Core

Databases & Caching: PostgreSQL, Microsoft SQL Server, Redis

Architecture: Microservices, CQRS, REST APIs, event-driven architecture, domain-driven design

DevOps & Infrastructure: Docker, Azure DevOps, CI/CD, Terraform, canary deployments

Testing: xUnit, Testcontainers, integration testing, TDD

Security & Platforms: Keycloak, JWT, Ocelot API Gateway, MinIO/S3

Scripting & Tools: PowerShell, Python, YAML, Git, Scrum, Kanban

PROFESSIONAL EXPERIENCE

SERVICEWARE

Palma de Mallorca,
Spain

Senior Software Developer / Technical Lead

Dec 2024-Present

Lead a seven-service microservices platform serving 1M+ users across cloud and on-premises deployments.

- Lead a team of three senior developers and one intern, owning technical roadmap, architecture decisions, and mentoring.
- Architected and implemented an Azure DevOps CI/CD pipeline that reduced deployment time by 50% and achieved a 30-minute build-test-deploy cycle.
- Improved platform reliability through container health checks, monitoring, and infrastructure optimization, supporting 99% uptime.
- Reduced Docker image size by 77%, from 1.1 GB to 250 MB, improving deployment speed and resource efficiency.
- Introduced canary deployments and Redis distributed caching for reliable multi-instance microservices.
- Led upgrades across supported .NET runtimes, NuGet dependencies, and supporting services to improve maintainability.
- Created installation manuals and technical documentation for enterprise customers and internal teams.

Palma de Mallorca,
Spain

SERVICEWARE

Software Developer

2022-2024

Core contributor to a microservices platform used by hundreds of enterprise customers.

- Optimized database queries and migration workflows, reducing execution time from 2 minutes to 15 seconds - an 8x improvement.
- Automated deployment, configuration, and maintenance workflows with PowerShell and Python, eliminating approximately 20 hours of manual work per week.
- Standardized and improved the on-premises installation process used across hundreds of enterprise customer environments.
- Executed zero-downtime data migrations across Microsoft SQL Server and PostgreSQL environments.
- Developed a custom Mediator pattern implementation to replace MediatR following licensing changes.

SELECTED PROJECT

SERVICEWARE PORTAL - Enterprise Microservices Platform

Technical Lead for a distributed .NET platform serving more than 1 million end users.

- Architected five core application microservices within a seven-service platform using CQRS and a custom Mediator implementation.
- Implemented a multi-tenant architecture supporting PostgreSQL and Microsoft SQL Server.
- Integrated Keycloak and JWT authentication with Ocelot API Gateway.
- Built an integration test suite using xUnit and Testcontainers.
- Designed a MinIO/S3-compatible storage solution for secure distributed data handling.
- Optimized the platform to handle hundreds of thousands of daily requests.

EDUCATION

Col·legi CIDE, Spain

2020-2022

Higher Technician in Multiplatform Applications Development - Graduated with Honors

LANGUAGES

Spanish: Native | **English:** Professional working proficiency | **German:** Basic