



Davor Denikj

Lead Software Engineer | .NET & Swift | Mobile & Backend Architecture

✉ davor.denikj@outlook.com ☎ [+4917622981801](tel:+4917622981801)

📍 Nürnberg 🌐 <https://davordenikj.com>

Summary

Lead Software Engineer with 12+ years of experience in backend and mobile development, specializing in .NET and Swift. Architect of scalable mobile and backend systems, with proven experience leading cross-functional teams and delivering production-grade applications from concept to release. Strong focus on clean architecture, long-term maintainability, and aligning technical execution with business objectives.

Experience

Landesmedienzentrum Baden-Württemberg Stuttgart
Lead Software Engineer 07.2024 - Present

- Own end-to-end product lifecycle for iOS and iPadOS applications, from architectural design to App Store release.
- Define technical strategy and architecture for mobile and backend systems, ensuring scalability and long-term maintainability.
- Lead and mentor development team, establish coding standards, conduct reviews, and enforce engineering best practices.
- Design and implement secure backend services and REST APIs powering mobile and web applications.
- Build and maintain CI/CD pipelines and containerized infrastructure using Docker, Kubernetes, and Azure DevOps.
- Coordinate across product, design, and infrastructure teams to align technical execution with strategic goals.

<https://lmz-bw.de>

WS Audiology Erlangen
Lead Software Engineer for Mobile Applications 07.2021 - 06.2024

- Led architecture and development of a Swift-based SDK enabling reliable Bluetooth (BLE) communication between iOS devices and medical hearing aids.
- Modernized Xamarin SDK and led migration to .NET MAUI, improving performance and cross-platform maintainability.
- Defined mobile architecture standards and ensured compliance with medical device software requirements.
- Conducted senior-level technical interviews and supported strategic team expansion.
- Collaborated with international cross-functional teams across iOS, Android, and backend domains.
- Prototyped innovation initiatives including Apple Vision Pro and live translation applications.

<https://wsa.com>

Education

Faculty of Computer Science and Engineering

BSc. Computer Science and Engineering

Ss. Cyril and Methodius University of Skopje

<https://www.finki.ukim.mk/en>

Faculty of Electrical Engineering and Information Technologies

Ss. Cyril and Methodius University of Skopje

<https://feit.ukim.edu.mk/en/>

Hobby Projects

MK Live Radio

Built and currently maintain MK Live Radio, a solo-developed iOS (Swift) and Android (Kotlin) app streaming 70+ Macedonian radio stations worldwide.

<https://mkliveradio.app>

Tomato Cards

Developing TomatoCards, a digital business card platform currently in development.

<https://tomatocards.com>

Skills

📧 .NET / C#

📱 WPF / Xamarin / MAUI

📱 Swift / SwiftUI

📦 Mobile Architecture

🔧 API & SDK Architecture

📦 Docker & Kubernetes

🏗️ Azure DevOps / CI-CD

📶 Bluetooth (BLE)

🗄️ SQL Server / Postgres

Languages

English

● ● ● ● ●

German

● ● ● ● ○

Macedonian

● ● ● ● ●

Croatian

● ● ● ● ○

Mathema

Nürnberg

Senior Software Engineer

07/2019 - 06/2021

- Developed and extended enterprise applications for employee performance management and manufacturing systems.
- Built and maintained C#/.NET MVC applications with MS SQL Server and stored procedures.
- Implemented unit testing and improved system reliability and maintainability.
- Worked closely with clients to translate business requirements into scalable technical solutions.

<https://mathema.de>**Endava**

Skopje

Senior Software Engineer

10/2017 - 01/2019

- Developed large-scale system integrations for a major UK insurance client using C# and TDD practices.
- Collaborated directly with client stakeholders, providing regular technical updates and on-site coordination.
- Improved test automation processes and supported junior developers through mentoring.
- Contributed to integration testing, automation frameworks, and system reliability improvements.

<https://endava.com>**Musala Soft (acquired by Avenga)**

Skopje

Software Engineer

04/2016 - 10/2017

- Developed Windows Mobile and UWP applications using C#, XAML, and MVVM architecture.
- Built web applications using ASP.NET MVC, HTML5, CSS3, JavaScript, and jQuery.
- Delivered projects for healthcare and insurance domains, ensuring production stability and performance.

<https://linkedin.com/company/musala-soft/>**IN2**

Skopje / Nuremberg

Software Engineer

01/2015 - 04/2016

- Developed WPF enterprise applications for healthcare systems in the Croatian market.
- Designed and implemented SQL Server stored procedures and database schema enhancements.
- Generated reporting solutions using Crystal Reports and XML/XSL transformations.
- Delivered internal training solutions and supported banking system integrations.

<https://in2.eu/en/home-en/>