

# DARKO NIKOLIKJ

## Cloud-Oriented Full Stack Software Engineer

.NET | Angular | Azure | GraphQL | MongoDB | CI/CD | AI-assisted Development

Pforzheim, Baden-Württemberg, Germany | nikolikjd@gmail.com | +49 176 70099246 | linkedin.com/in/d-nikolikj | github.com/dNikolikj

### PROFESSIONAL SUMMARY

Cloud-oriented Full Stack Software Engineer with experience building enterprise web applications and logistics/supply-chain software using .NET, Angular, Azure, GraphQL, SQL, and MongoDB. Strong across frontend, backend, APIs, shared UI libraries, documentation, CI/CD-aware development, and software quality. Recognized at ecovium as one of the MVP Employees of the Year 2024. Uses AI-assisted development tools such as Claude, OpenAI Codex, and GitHub Copilot with human validation, tests, code review, and engineering judgment.

### CORE SKILLS

**Frontend:** Angular, TypeScript, JavaScript, React, PrimeNG, PrimeFlex, Nx, Micro-frontends, Webpack Module Federation, NgRx

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

**Databases:** SQL Server, SQL, MongoDB Atlas, Azure Cosmos DB

**Cloud & CI/CD:** Azure, Azure DevOps, CI/CD, Git, GitHub, infrastructure-aware development

**Testing & Quality:** NUnit, Jest, Cypress, automated testing, UI testing, documentation, maintainability

**AI-assisted Development:** Claude, OpenAI Codex, GitHub Copilot, agent-friendly documentation, MCP/API concepts

**Domain:** Enterprise software, logistics, customs automation, supply chain, data automation, multi-tenancy

### PROFESSIONAL EXPERIENCE

**ecovium - Software Developer / Full Stack Engineer** | Feb 2024 - Present | Germany / Hybrid

- Contribute to the Ecovium Cloud Platform, an enterprise logistics and customs automation ecosystem supporting warehouse, transport, customs, and data orchestration processes.
- Work across .NET, GraphQL for .NET, MongoDB Atlas, Angular micro-frontends, shared UI libraries, tenant-aware capabilities, and developer productivity improvements.
- Contributed to SimpleChain Data platform capabilities, including configurable models, workflows, data pipelines, validation, rule tables, notifications, and process automation.
- Contributed to workflow and platform improvements that reduced overall border-crossing process time by approximately 70%, from 2-3 hours to around 25 minutes, based on client evaluation.
- Implemented and maintained 7+ shared UI libraries used across 11+ UIs, improving reuse, consistency, and maintainability across applications.
- Implemented Angular micro-frontends using Module Federation, dynamic remote loading, Nx, PrimeNG, PrimeFlex, and NgRx.
- Supported Azure DevOps, CI/CD workflows, CI test execution, documentation, and agent-agnostic UI guidance to improve development quality and feedback loops.
- Contributed to AI-assisted development enablement using Claude, OpenAI Codex, and GitHub Copilot for codebase understanding, refactoring, documentation, test generation, and review preparation.
- Worked with tenant management, OAuth2/OIDC, SSO, and tenant-specific application composition for secure multi-tenant platform access.
- Recognized as one of ecovium's MVP Employees of the Year 2024.

**Qinshift - Full Stack Engineer** | Feb 2023 - Feb 2024 | Skopje, North Macedonia / Hybrid

- Worked across multiple client projects, contributing to modern web, cloud-based, and enterprise software solutions using .NET, Angular, React, SQL, Azure services, and testing frameworks.
- CyPet 5: Contributed to modernization from .NET Framework to .NET 6, C# 8, and Angular 15, improving maintainability and alignment with modern development practices.
- CyPet 5: Contributed to production-analysis and injection-molding workflow functionality that dramatically reduced the time required to create and manage injection-related processes.
- SkyPERF: Worked in a senior-led team applying Onion Architecture and the Mediator pattern with .NET 6 and Angular 15; supported Azure Cosmos DB integration and NUnit testing.
- SkyPERF: Contributed to functionality that significantly reduced the time needed to organize, manage, and react to operational company data.
- SeaQ: Contributed to a software system serving 500+ employees, supporting ticketing, group chats, comments, threaded discussions, reactions, and notifications.
- Supported Azure Active Directory integration, Elasticsearch-based search improvements, React/Redux UI enhancements, and gained exposure to Docker, Kubernetes, MSSQL, and cloud-native tooling.

**Qinshift / Seavus Education & Development Center - Software Engineering Intern** | Nov 2022 - Feb 2023 |  
Skopje, North Macedonia

- Developed features for a Learning Management System serving an academy with 250+ students using C#, .NET 6, Entity Framework Core, SQL Server, React, Redux, MSAL, Azure Blob Storage, and NUnit.
- Implemented user management, authentication, course/module management, progress tracking, reporting, search, and responsive UI features.
- Collaborated through agile workflows, code reviews, and shared development practices.

**Seavus Education & Development Center - Assistant Lecturer** | Sep 2022 - Feb 2024 | Part-time / Remote

- Supported students in learning JavaScript, HTML/CSS, C#, ASP.NET MVC, SQL, and software development fundamentals.
- Guided learners through practical exercises, debugging, assignments, and real-world examples.
- Helped students connect programming fundamentals with maintainable application design.

## SELECTED IMPACT

- ecovium MVP Employee of the Year 2024, selected across international company locations.
- Contributed to border-crossing workflow improvements reducing process time by approximately 70%, from 2-3 hours to around 25 minutes, based on client evaluation.
- Implemented and maintained 7+ shared UI libraries used across 11+ UIs.
- Contributed to software serving 500+ employees for ticketing, communication, threads, reactions, and notifications.
- Developed LMS features for an academy with 250+ students.

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Developer Associate (AZ-204)
- Microsoft Certified: Azure DevOps Engineer Expert (AZ-400)

## EDUCATION

University St. Clement of Ohrid, Faculty of Criminalistics - Master's degree, Valedictorian, GPA 9.68

University St. Clement of Ohrid, Faculty of Criminalistics - Bachelor's degree, Valedictorian, GPA 9.76

## LANGUAGES

Macedonian - Native | English - Professional working proficiency | German - B1