

## Hannah de Vries — Senior .NET & Azure Full-Stack Developer

I build robust, scalable enterprise applications and cloud solutions with Microsoft technologies — from architecture to production.

Senior software engineer with 10+ years of experience delivering mission-critical systems for large organizations and public sector clients. Specialized in C#/.NET, Blazor, Azure, and data-intensive applications, with a strong focus on performance, maintainability, and user experience.

I work independently or embedded in agile teams and bring consulting mindset, clean architecture, and reliable delivery to every project.

### Core Expertise

- Enterprise Web Applications (.NET / Blazor)
- Cloud-Native Development on Microsoft Azure
- Backend & API Design (C#, REST)
- Database Design & Performance Optimization (MS SQL Server)
- Full-Stack Development (Frontend + Backend)
- Data-Driven Systems & Integration
- Legacy Modernization & Refactoring
- Cross-Platform Apps (.NET MAUI)
- CI/CD & DevOps (Azure DevOps)

### Selected Project Experience

DB Cargo — Full-Stack Developer (Freelance)

Developing enterprise data management applications using Blazor Server and modern .NET.

- Designed and implemented full-stack web solutions for operational data workflows
- Optimized database performance and data models in MS SQL Server
- Mentored junior developers and established coding guidelines
- Improved usability by aligning technical architecture with UX goals

Carl Zeiss — Cloud Developer (Freelance)

Built cloud services to process and visualize machine data from distributed sources.

- Developed Azure Function-based data platform
- Designed scalable data structures for Cosmos DB
- Managed Azure resources and infrastructure
- Refactored legacy components to improve reliability and maintainability
- Implemented CI pipelines and automated testing

Startup (Co-Founder) — Full-Stack Developer

- Built full-stack applications with Angular and Java/Spring Boot

- Contributed to product strategy and technical direction
- Supported operational decision-making and team collaboration

rc-tec — Mobile App Developer (Freelance)

Developed cross-platform mobile applications for monitoring and controlling alarm systems using .NET MAUI for iOS and Android.

Public Sector & Enterprise Projects (via valantic STI)

- Financial systems for municipal administration
- Accounting and reporting tools
- Invoice management systems
- Data import and processing platforms

Responsibilities included full-stack development, database architecture, requirements engineering, automated testing, and data migration from legacy systems.

Carl Zeiss Microscopy — Backend Developer

- Implemented image processing algorithms in C# and Python
- Designed backend APIs for ML integration
- Built WPF applications using MVVM architecture

## Technology Stack

Languages & Frameworks: C#, .NET (5–9), JavaScript, Python, Java, HTML/CSS

Frontend: Blazor, Angular, XAML, WPF

Cloud & DevOps: Microsoft Azure, Azure Functions, Cosmos DB, Azure DevOps, CI/CD, Bicep

Databases & Messaging: MS SQL Server, PostgreSQL, Entity Framework, Redis, RabbitMQ

Testing & Quality: xUnit, automated testing, integration testing, e2e testing

## Working Style

- Clean, maintainable, production-ready code
- Strong ownership and reliability
- Fast onboarding into existing systems
- Clear communication with technical and non-technical stakeholders
- Focus on long-term value, not quick hacks

## Education & Certifications

B.Sc. Computer Science — OTH Regensburg

Microsoft Certifications:

- AZ-104 — Azure Administrator
- AZ-204 — Developing Solutions for Microsoft Azure

## Availability

Based in Munich, Germany — available for remote work and on-site projects within DACH.