

Bart van Tuil

Expert Software developer

SUMMARY

- With over a decade of progressive experience in software development and leadership, the engineer showcases a rich portfolio of technical expertise and successful project executions.
- Holding a strong foundation with an Engineering degree in Computer Science, the individual commands an authoritative understanding of software architecture, security, and diverse programming languages including C#, .NET frameworks, and RESTful services.
- Proven leadership as a team lead is evident in guiding teams to craft tailored hardware and software solutions. - Credentialed with Microsoft certified professional developer and technology specialist certifications, the candidate applies industry-standard methodologies such as Agile/Scrum and Azure DevOps to drive software development lifecycle.
- A practical problem-solver, they prioritize maintainability and user-centric design, underpinned by a philosophy of 'fail-early' principles and direct communication.

TECHNICAL SKILLS

Main Technical Skills	.NET (5 yr.), C (5 yr.), Microsoft SQL Server (5 yr.)
Programming Languages	C (5 yr.), Java, JavaScript
.NET Platform	ASP.NET MVC, ASP.NET Web API (5 yr.), Azure (5 yr.), Dapper, Entity Framework, .NET (5 yr.), Visual Basic .NET
UI Frameworks, Libraries, and Browsers	CSS, HTML, jQuery, LESS
JavaScript Frameworks	jQuery
Databases & Management Systems / ORM	Data Lake, dbt, Microsoft SQL Server (5 yr.), T-SQL
Cloud Platforms, Services & Computing	AWS, Azure (5 yr.)
Azure Cloud Services	Azure Arm templates, Azure Blob Storage, Azure DevOps

SDK / API and Integrations	ASP.NET Web API (5 yr.)
Deployment, CI/CD & Administration	Azure Arm templates, Blazor
Version Control	Git
Methodologies, Paradigms and Patterns	Scrum

WORK EXPERIENCE

Founder, Freelance Developer, Various independent projects

Duration: Present

Summary: Operates as a founder of Digital Foundry working on publishing and developing software and hardware solutions, and automation prototyping.

Responsibilities: Freelance developer and creator of customized and off-the-shelf hardware and software solutions.

Technologies: C#, .NET (Framework, 6, 7), REST & Web Services, Azure Infrastructure & Services, Containerisation & IaaS, Serverless Apps, Hardware Development, PCB Design, Prototyping

Architect, Lead Developer, Development and maintenance of national education platform

Duration: 2018-2022 (5y)

Summary: Guided the development and maintenance of a national education monitoring platform, from requirement specification to implementation, and supported junior and medior colleagues.

Responsibilities: Identified customer requirements, designed functional and conceptual models, developed technical designs, oversaw development, and maintained stakeholder communication.

Technologies: .NET, Azure, MS SQL, Blob storage, Data Lake, DBT, Entity Framework, Dapper, .NET MVC, HTML, CSS/Less, JavaScript & JQuery, client-side templating, Agile (Scrum/AUP), CI/CD, ATAM, 4+1 VM, BPM, UML, Archimate (informal)

Team Lead, Developer, Redevelopment of property management software

Duration: 2016-2017 (1½y)

Summary: Led the redevelopment of property management software, focusing on maintainability and scalability, and mentored developers during the technical implementation.

Responsibilities: Architected system, reverse-engineered legacy software, led technical development, and ensured adoption of development philosophy among team.

Technologies: .NET Framework, .NET Core, Azure, MS SQL, Blob storage, .NET MVC, HTML, CSS/Less, JavaScript/jQuery, client-side frameworks (SPF, later Angular), Agile (Scrum), ATAM, 4+1 VM, BPM, UML, partly Archimate

Architect, Developer, Software solutions for automotive industry

Duration: 2013-2016 (3y)

Summary: Setup the entire architecture for software solutions in the automotive industry, leading the implementation from functional requirements to delivery.

Responsibilities: Developed platform-wide solutions as an architect, handled information security, guided restructuring of development methodologies.

Technologies: .NET Framework, SaaS, MS SQL, .NET MVC, HTML, CSS/Less, JavaScript/jQuery, Agile (Scrum/AUP), 4+1 VM, BPM, UML, informal DDD, AUP

EDUCATION

- **Hogeschool Zeeland, Engineering degree**
Engineering degree Computer science: software development with Information security minor

CERTIFICATION

- **Microsoft certified professional developer MCPD 4.0**
Designing and developing web applications with .NET 4
- **Microsoft certified technology specialist**
Web applications with .NET 4
- **MCTS: WCF web development with .NET 4**
- **MCTS: Accessing data with .NET 4**

