Maarten Oosterhoff

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PERSONA

NAME	Maarten Oosterhoff
DATE OF BIRTH	April 1st, 1977
GENDER	Male
NATIONALITY	Dutch
LANGUAGES	Dutch (native language) English (fluent, both written and spoken)
AVAILABILITY	Februari
LATEST VERSION OF CV	https://cv-en.maartenoosterhoff.com/

SUMMARY

Senior .NET Developer / Solution Architect with 15+ years of experience designing, building and improving robust .NET solutions, integrations and services within complex application landscapes.

Strong in connecting architecture with day-to-day development, with experience in technical direction, code quality, legacy modernization, CI/CD and messaging. Hands-on and accustomed to taking responsibility for technical decisions, implementation and bringing software into production.

Experienced with C#, .NET, Azure, Entity Framework, SQL Server, REST APIs and RabbitMQ, with a strong focus on maintainability, scalability and continuous improvement.

CORE PROFILE

- ✓ Connects architecture, technical vision and day-to-day software development.
- ✓ Experienced in designing and building .NET applications, services and integrations.
- ✓ Strong focus on technical quality, maintainability and legacy modernization.
- ✓ Hands-on in development, CI/CD and technical problem-solving.
- ✓ Demonstrated technical leadership through developer guidance, technical decision-making and knowledge sharing.
- ✓ Able to translate complex technical concepts into practical solutions.

EXPERIENCE

.DEVOPS ENGINEER @ PGGM

October '26 – Present

Responsible for the maintenance, modernization and further development of the Productmodel platform.

✓ Modernization of the QueriesApi, including migration from .NET 8 to .NET 10.

Technologies: C#, .NET 8/10, Entity Framework, SQL Server / T-SQL, Azure Servicebus, Azure DevOps, Git, Agile/Scrum, Copilot AI.

.NET DEVELOPER @ NIPED

February '26 – August '26

As a Senior .NET Developer at NIPED, I drove technical improvements across the platform with a focus on maintainability, scalability and development quality.

✓ Led the migration from Dapper to Entity Framework, with a focus on maintainability and consistency of the data access layer.
✓ Improved CI/CD pipelines to increase deployment reliability and streamline release processes.
✓ Introduced code coverage reporting as part of a structured approach to quality assurance.
✓ Contributed to the design and development of a new system component, expanding the platform's functionality.
✓ Introduced AI-assisted development into the developer workflow using Cursor AI.

Technologies: C#, .NET 8, Entity Framework, SQL Server / T-SQL, RabbitMQ, Azure DevOps, Azure Functions, Git, Agile/Scrum, Cursor AI.

SOLUTION ARCHITECT @ MINISTERIE VAN JUSTITIE EN VEILIGHEID

March '22 – December '25

As a Solution Architect at the Ministry of Justice and Security, I was responsible for defining and safeguarding the technical architecture and quality within a complex application landscape, working closely with multiple development teams and surrounding systems.

✓ Defined and safeguarded the technical architecture and provided technical leadership.
✓ Made hands-on contributions to development, including a data migration solution for the controlled migration of data from the legacy system to the new system.
✓ Initiated and implemented technical improvements and reductions in technical debt.
✓ Contributed to technical standards, maintainability and overall architecture quality.
✓ Supported collaboration between development teams and surrounding systems.
✓ Achieved a 4-star SIG rating for both maintainability and architecture.

Technologies: C#, .NET 8, RabbitMQ, Azure DevOps, SQL Server / T-SQL, Git, Agile/Scrum.

LEAD DEVELOPER @ MINISTERIE VAN JUSTITIE EN VEILIGHEID

October '21 – March '22

As Lead Developer, I was responsible for the technical design, implementation and overall technical quality of the project.

✓ Made technical design and implementation decisions.
✓ Guided development and maintained overall code quality.
✓ Supported colleagues through technical guidance and knowledge sharing.
✓ Contributed to the development of a modern .NET solution replacing a legacy application.
✓ After six months, I was asked to take on the role of Solution Architect.

Technologies: C#, .NET 8, RabbitMQ, Azure DevOps, SQL Server / T-SQL, Git, Agile/Scrum.

.NET DEVELOPER @ MINISTERIE VAN JUSTITIE EN VEILIGHEID

August '21 – September '21

As a .NET Developer, I was part of the development team that rebuilt an existing legacy application using modern .NET technologies. The solution consisted of an Angular frontend, a .NET backend API and a background service for message processing.

- ✓ Developed new functionality within a modern .NET solution.
- ✓ Contributed to the modernization of the existing application and architecture.
- ✓ Maintained and improved code quality using tools such as SonarQube and the SIG platform.
- ✓ Shortly after joining the team, I was asked to take on the role of Lead Developer, with responsibility for technical decisions, development and code quality.

Technologies: C#, .NET 8, RabbitMQ, Azure DevOps, SQL Server / T-SQL, Git, Agile/Scrum.

.NET DEVELOPER @ HSO

March '21 – July '21

Part of multiple development teams working on integration projects between client systems.

- ✓ Designed and developed backend solutions in Azure.
- ✓ Implemented integrations between different systems.
- ✓ Developed unit tests and CI/CD pipelines.
- ✓ Contributed to technical decisions and maintainable implementations.

Technologies: C#, .NET Core, Azure Functions, Azure DevOps, OAuth 2.0, Git.

.NET DEVELOPER @ FYSIOROADMAP

August '20 – March '21

March '20 – May '20

Part of the development team that rebuilt an existing legacy backend API using modern .NET technologies.

- ✓ Designed and developed several core components of the system.
- ✓ Contributed to the modernization of the backend architecture.
- ✓ Introduced SonarQube to improve code quality.
- ✓ Introduced more advanced unit tests to improve test coverage and reliability.
- ✓ Worked in an Agile/Scrum DevOps environment, including backlog refinement, code reviews, QA and deployment.

Technologies: C#, .NET Core, Web API, Entity Framework, SQL Server / T-SQL, Azure, Azure DevOps, Docker, OAuth 2.0, IdentityServer4, Git.

.NET DEVELOPER @ SOULVE INNOVATIONS

June '20 – July '20

Part of the development team responsible for expanding an existing analytics dashboard.

- ✓ Developed new functionality for the analytics dashboard.
- ✓ Contributed to the development and maintenance of backend and web functionality within the existing .NET application.
- ✓ Worked according to Agile/Scrum practices, including backlog refinement, code reviews, QA and deployments.

Technologies: .NET Framework 4.8, C#, ASP.NET MVC, Web API, Entity Framework, SQL Server / T-SQL, Azure Web Apps, Azure DevOps, Git.

.NET DEVELOPER @ VIABOVAG.NL July '17 – December '19

Part of the development team that designed and developed the new viaBOVAG.nl business-to-consumer platform.

- ✓ Contributed to the development of a new B2C platform for consumers.
- ✓ Developed backend functionality using ASP.NET MVC, .NET Core and Web API.
- ✓ Contributed to the implementation of the platform's search functionality using Azure Search.
- ✓ Worked with cloud-based Azure components including Web Apps, WebJobs, Functions and API Management.
- ✓ Contributed to a maintainable and scalable solution within an Agile/Scrum environment.

Technologies: .NET Core, C#, ASP.NET MVC, Web API, Azure Web Apps, Azure Search, Azure WebJobs, Azure Functions, Azure API Management, Cosmos DB, Git.

.NET DEVELOPER @ FUNDA March '17 – June '17

Part of Team Object, responsible for both the front-end and back-end of the property-detail pages of the funda website.

- ✓ Contributed to the redesign and further development of the property-detail pages.
- ✓ Joined as one of two external software engineers to provide additional development capacity and ensure the planned deadline was met.
- ✓ Developed new functionality and enhanced existing functionality within the existing .NET architecture.
- ✓ Helped the team successfully deliver the planned changes on schedule.

Technologies: .NET 4.5, .NET Core, C#, ASP.NET MVC, SQL Server / T-SQL, Git, NHibernate.

.NET DEVELOPER @ VACANCESELECT January '17 – March '17

Part of the backend team, responsible for a partner portal and the backend systems used to automatically register holiday bookings in partner systems.

- ✓ Developed backend functionality for a portal used by business partners.
- ✓ Contributed to integrations that automatically transferred holiday bookings to partner systems.
- ✓ Developed APIs and web services in an environment involving multiple external systems.
- ✓ Worked on integration logic and data access using Entity Framework, Dapper and SQL Server.

Technologies: .NET, .NET Core, C#, Web API, WCF, Entity Framework, Dapper, SQL Server / T-SQL, Git, Azure, Docker.

.NET DEVELOPER @ EDWARDS LIFESCIENCES June '16 – December '16

Developed software for medical measurement equipment and the processing and visualization of measurement data.

- ✓ Designed and developed new WPF screens for the EV1000 blood pressure measurement system, including graphical visualization of measurement data.
- ✓ Contributed to an Azure IoT solution using a SparkFun ESP8266 to send sensor data to Azure and store the measurements.
- ✓ Developed a web application for visualizing the collected sensor data.
- ✓ Designed and developed a prototype application for a new Vital Signs Monitor, reading measurement data through a serial port and displaying it graphically.

Technologies: .NET 4.0, C#, WPF, Azure, Azure IoT.

.NET DEVELOPER @ GARANSYS

May '16 – June '16

Short-term assignment focused on maintenance and resolving high-priority technical issues in an existing Windows desktop application.

- ✓ Analyzed and resolved high-priority bugs.
- ✓ Modified and improved existing functionality where required.
- ✓ Contributed to the stability and continuity of the application.
- ✓ Quickly familiarized myself with the existing codebase and technical environment to resolve issues effectively.

Technologies: .NET 4.0, C#, WinForms, SQL Server / T-SQL, Windows Workflow.

.NET DEVELOPER @ SBS BROADCASTING

October '15 – April '16

Part of the development team for a video-on-demand platform.

- ✓ Designed, developed and tested multiple new components across different parts of the platform.
- ✓ Maintained and improved existing components.
- ✓ Performed performance tests to assess the platform's performance and behavior.
- ✓ Investigated and resolved critical high-priority bugs.
- ✓ Updated technical documentation to support maintenance and further development.

Technologies: C#, .NET 4.0, WinForms, ASP.NET MVC, Web API, WCF, Entity Framework, SQL Server / T-SQL, MongoDB, Git.

LEAD DEVELOPER @ GARANSYS

September '09 – September '15

Technical team leader for one of two project teams, responsible for the technical quality and development of multiple customer solutions.

- ✓ Defined the technical direction of projects, including architecture, technology choices and technical landscape.
- ✓ Created proof-of-concepts and technical designs to validate and support technical decisions.
- ✓ Guided developers on a daily basis in design, implementation and technical problem-solving.
- ✓ Took responsibility for code quality, technical consistency and the quality of delivered software.
- ✓ Worked on both new solutions and the modernization of existing applications.

Technologies: C#, .NET, ASP.NET MVC/WebForms, Entity Framework, SQL Server, Oracle, Azure, WCF, WinForms, Git.

Project Woningborg

April '11 – June '15

Responsible for the architecture, design and development of a large internal system consisting of a Windows desktop application, external website and multiple web services.

- ✓ Designed the architecture and technical structure of the overall solution.
- ✓ Designed and developed key components of the desktop application, website and web services.
- ✓ Safeguarded the integration and consistency between the different applications and services.
- ✓ Made technical choices with a focus on maintainability, extensibility and reliable integration.
- ✓ The project was successfully delivered and put into use by the client.

Project Libris July '15 – August '15

Part of the team responsible for modernizing an existing legacy application.

- ✓ Led the technical modernization of an existing .NET 1.1 ASP.NET WebForms application.
- ✓ Contributed to the transition to a modern .NET 4.5 ASP.NET MVC solution.
- ✓ Created technical designs and developed new functionality within the modernized architecture.
- ✓ Guided developers during implementation and safeguarded technical quality and consistency.
- ✓ Contributed to creating a more maintainable foundation for further development.

Project Zorginstituut Nederland December '14 – July '15

Lead Developer responsible for a three-person offshore development team in Serbia developing an internal Windows application to automate the client's business processes.

- ✓ Provided technical direction and safeguarded technical quality within a distributed development team.
- ✓ Guided developers in design, implementation and technical problem-solving.
- ✓ Defined and coordinated technical decisions and development practices to maintain consistency across the solution.
- ✓ Contributed to the development and further improvement of the application.
- ✓ Took responsibility for the technical quality of the delivered software.

TECHNICAL SPECIALIST @ CAESAR May '06 – September '09

Trained in .NET and SQL Server development and subsequently involved in designing and developing applications for multiple customers.

- ✓ Designed and developed components of desktop and web applications for multiple customers.
- ✓ Worked on both new functionality and further development of existing applications.
- ✓ Developed core components of a desktop application for Wärtsilä used to design propellers and thrusters.
- ✓ Developed multiple components of an online student registration system for Rovict.
- ✓ Contributed to the successful delivery of customer solutions that were subsequently put into use.

Technologies: C#, .NET 2.0, WinForms, ASP.NET WebForms.

Project Wärtsilä February '09 – September '09

- ✓ Designed and developed core components of an application used by the customer to design propellers and thrusters.
- ✓ Contributed to the successful delivery of an application that was installed and used worldwide.

Project Rovict January '07 – January '09

- ✓ Designed and developed various components of an online student registration system.
- ✓ Contributed to the successful delivery of a product that is used nationwide.

DATA DEVELOPER @ RABOBANK ICT – MARKETING SUPPORT August '01 – November '04

Responsible for selecting and preparing customer data from a large marketing database for marketing purposes.

- ✓ Selected customer data from a large marketing database containing information on the bank's entire customer base.
- ✓ Developed and executed SQL queries to make relevant data available for marketing purposes.
- ✓ Checked and prepared data for further processing and analysis.
- ✓ Worked with various data and analysis tools within a banking environment.

Technologies: Tandem, SQL/MP, COBOL, MS Office, dbf/dBase III, FoxPro, SPSS, VB6.

JUNIOR PROGRAMMING SPECIALIST @ TWINSOFT November '98 – August '01

Trained in SQL/MP and COBOL development for Tandem OLTP systems and subsequently assigned to Rabobank.

- ✓ Developed and maintained software for Tandem OLTP systems.
- ✓ Gained experience with SQL/MP and COBOL within a banking environment.
- ✓ Assigned to Rabobank from January 1999 through August 2001.
- ✓ Built an early technical foundation in transaction processing, data processing and enterprise systems.

Technologies: Tandem, SQL/MP, COBOL.

TECHNICAL SKILLS

CORE EXPERTISE

- ✓ .NET / C#
- ✓ Solution Architecture
- ✓ Azure & cloud-native development
- ✓ CI/CD & DevOps
- ✓ SQL Server / T-SQL

ARCHITECTURE & DEVELOPMENT

- ✓ Onion architecture
- ✓ SOLID
- ✓ Design Patterns
- ✓ Dependency Injection
- ✓ Entity Framework, Web API
- ✓ Legacy modernization

MESSAGING & DISTRIBUTED SYSTEMS

- ✓ RabbitMQ, Azure Servicebus
- ✓ Event-driven architecture
- ✓ Asynchronous processing
- ✓ Retry mechanisms & Dead Letter Queues

QUALITY & OPERATIONS

- ✓ SonarQube / SIG
- ✓ Code Quality
- ✓ Test automation
- ✓ Performance optimization
- ✓ Security-by-design

SOFT SKILLS

- ✓ Communicative
- ✓ Curious
- ✓ Critical
- ✓ Knowledge sharing and coaching
- ✓ Active listener
- ✓ Flexible
- ✓ Team player

EDUCATION

HOGESCHOOL VAN AMSTERDAM - AMSTERDAM	1997 - 1998
Hogere Informatica	Passed all-but-one propedeuse courses
AUGUSTINUS COLLEGE - BEVERWIJK	1989 - 1995
VWO	Graduated

TRAINING

APPLYING LINQ	August 2008

CERTIFICATIONS

FOUNDATIONAL C# WITH MICROSOFT	September 2023
MICROSOFT AZ-900 AZURE FUNDAMENTALS	July 2020
MCTS – 070-515 - .NET 4.0, WEB APPLICATIONS	July 2011
MCTS – 070-516 - .NET 4.0, DATA ACCESS	July 2011

ONLINE PRESENCE

LINKED IN	https://www.linkedin.com/in/maartenoosterhoff
GITHUB	https://github.com/maartenoosterhoff