

Name	Fanie Reynders
Nationality	Dutch
Education	National Diploma Software Development - Tshwane University of Technology, South Africa
Current Role	Freelance Azure Expert & Microsoft MVP
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Languages	English, Dutch, Afrikaans

Executive Summary

With over twenty years in the tech industry, I'm a seasoned Senior Software Engineer and a Microsoft Certified Professional, specializing in backend cloud development via the Microsoft stack. I've held pivotal roles ranging from Developer and Technical Lead to Cloud Solutions Architect and Head of Technology. Notably, I've been instrumental in a cutting-edge scale-up within the smart building realm, working on varied projects across sectors in both South Africa and the Netherlands.

Awarded the Microsoft Most Valued Professional (MVP) for nine consecutive years, I am recognized for my commitment to excellence and innovative approach to pushing technology boundaries. My focus is on delivering scalable, best-in-class cloud solutions utilizing the Microsoft Azure Cloud Platform and the Microsoft .NET ecosystem.

In addition to technical acumen, I am devoted to knowledge dissemination, engaging in extensive research, blogging, and knowledge sharing at conferences and user groups. I'm currently centred on advancing cloud engineering, aiming to drive scalable and efficient cloud solutions in the technology landscape.

Technologies

Languages	C#, Azure Bicep, TypeScript, JavaScript, VB.NET, F#, Python
Frameworks & Libraries	.NET 6-8, .NET Core SDK, .NET Framework 2.0-4.8 ASP.NET Core 6-8, ASP.NET: SignalR, MVC, Razor Pages, Blazor, Entity Framework, EF Core, Dapper Azure SDK, Azure Functions Runtime, Semantic Kernel
Azure Cloud	<ul style="list-style-type: none"> • Azure Cognitive Search, -AI Bot Service, -OpenAI Service, -(Custom) Vision Service, -Speech Service, -Language Service, -Document Intelligence • Azure Data Explorer, -Data Share, -Stream Analytics • App Service, -Static Web Apps, -Functions, -Container Apps, -Container Instances, -Container Registry, -App Configuration • Azure Cosmos DB, -SQL, -Table Storage, -Blob Storage, -File Storage • Azure Event Grid, -Event Hubs, -Service Bus, -Queues, -PubSub, -IoT Hubs, -Notification Hubs • Azure Entra (Azure AD) • Azure API Management, -Logic Apps, -Digital Twins
Developer Tools	Azure DevOps, GitHub Actions, Visual Studio, VS Code, Azure AI Platform, Azure ML

Employment History

Freelance Azure Expert & Cloud Architect

April 2022 – Current

VodafoneZiggo – Senior Developer & Cloud Engineer

As a key member of the Generative AI team, I have played a pivotal role in architecting and deploying sophisticated AI-driven solutions across the organization. My contributions have empowered the organization with cutting-edge applications such as Intelligent Call Centre Technician Summarization, enabling precise and concise information extraction and representation. I've also been instrumental in the creation of an AI-driven Internal Knowledge Base Q&A, facilitating rapid and accurate retrieval of organizational knowledge and insights.

Additionally, I have spearheaded the development of an Intelligent Semantic Website Search, optimizing user search experience through advanced semantic understanding and relevance matching. My initiatives in enhancing Developer Productivity have streamlined workflows and bolstered the efficiency of development processes, positioning the organization at the forefront of technological innovation in AI applications.

Azure Open AI Platform, Semantic Kernel, Azure Cognitive Search, Azure Speech, Azure PaaS, Azure Serverless, NET 7, C#, Python, Visual Studio, VS Code, Azure Bicep, Azure Cosmos DB, Azure Document Intelligence.

viaBOVAG.nl – Senior Developer & Cloud Engineer

As an integral member of the advanced back-end team, I've been at the forefront of pioneering and upholding the state-of-the-art microservices architecture of our website, seamlessly operating in Azure and meticulously crafted on the .NET stack. I've championed the delivery of a cutting-edge AI-driven chatbot, reminiscent of the sophisticated ChatGPT interface, enriched with seamless Text-to-Speech-to-Text functionalities. This solution, empowered by the Azure Open AI platform, prompt engineering, and the avant-garde Semantic Kernel, not only embodies innovation but also underscores our commitment to delivering unparalleled user experiences.

Azure Open AI Platform, Semantic Kernel, Azure Cognitive Search, Azure Speech, Azure PaaS, Azure Serverless, ASP.NET Core, .NET 7, C#, Python, Visual Studio, VS Code, Azure DevOps, Azure Bicep, Azure Resource Manager, Azure SQL, Azure Cosmos DB, DDD, REST, Microservices, CQRS.

Dutch Railways (NS) – Technical Coach

Responsible for building the technical community within the Dutch Railways Cloud Platform Organization focussing on DevOps and cloud native development, as well as helping and facilitating teams to produce the best software with the most business value.

Azure PaaS, Azure Serverless, ASP.NET Core, .NET 7, C#, Visual Studio, VS Code, Azure DevOps, Azure Bicep, Azure Resource Manager, Azure SQL, Azure Cosmos DB, REST, Microservices, Supplier Management, Roadmaps, Governance, System Design, DevOps Transformation.

EDGE Technologies & EDGE Next – Solution Architect & Head of Technology

Feb 2020 – Mar 2022

Previously known as OVG Real Estate, EDGE Technologies is one of the well-known names in the industry when it comes to sustainability and wellbeing in smart office buildings. Like any smart building, a platform is needed to collate and aggregate massive amounts of data from multiple sources.

EDGE Next is a spin-off start-up that was born to bring the authentic EDGE experience to any other building, with a SaaS platform that understands virtually any source of data, providing their customers key insights in terms of sustainability, wellbeing, and asset usage to help make their buildings perform better.

Within EDGE Next, I wore many hats, primary as Head of Technology being accountable for the platform and the engineering teams building the software, but also as a Principal Architect and Cloud Engineer in guiding the leads to execute the technical vision.

Hands-on and involved with leading teams in delivering a recent end-to-end revamp of the existing landscape, to be completely event-driven and utilizing almost all Azure PaaS & serverless offerings.

Azure Digital Twins, Azure PaaS, Azure Serverless, Azure Functions, Azure IoT, ASP.NET Core, .NET, C#, Visual Studio IDE, VS Code, Azure DevOps, Azure Bicep, Azure Resource Manager, Azure SQL, Azure Cosmos DB, Azure Data Explorer, Azure Kubernetes Service (AKS), DDD, REST, Microservices, CQRS, Supplier Management, Roadmaps, Governance, System Design, DevOps Transformation.

Odido (T-Mobile) – Software Architect & Domain Architect

May 2018 – Jan 2020

Odido (a.k.a T-Mobile), as the third-largest mobile phone company in The Netherlands, serves a robust clientele of around 3.7 million. My roles at T-Mobile centred on software and solution architecture, focusing on the .NET and Azure domains.

Following T-Mobile's acquisition of the former Vodafone Thuis (recently T-Mobile Thuis, now Odido), the need for a unified platform became pressing. As the Software Architect for the Business Support Systems (BSS), my role was multifaceted. I was at the helm of designing customer-facing systems, mentoring teams, streamlining processes, and ensuring that code standards across three teams resonated with T-Mobile's vision.

Post the acquisition of Tele2 and the ensuing organizational restructuring, I stepped into the role of Domain Architect for Cloud & Modern Applications. I served as the go-to expert for .NET and Azure, liaising with various stakeholders. My responsibilities spanned guiding the architectural vision, overseeing .NET & Azure initiatives across DevOps teams, and regularly updating the Architectural Governance Board. Additionally, I played a pivotal role in spearheading transformation and improvement initiatives, significantly aiding IT transition and transformation strategies.

ASP.NET Core, .NET Core, .NET Framework, C#, Visual Studio IDE, VS Code, Azure IaaS, Azure PaaS, Azure Serverless, Azure Resource Manager, SQL, Cosmos DB, Azure Kubernetes Service (AKS), DDD, REST, Microservices, CQRS, Enterprise Integration, Supplier Management, Roadmaps, Governance, System Design, DevOps Transformation.

Deloitte Digital – Senior Software Engineer

Nov 2016 – Apr 2018

At Deloitte Digital, as a Lead Senior Software Engineer, I played a crucial role in the digital transformation of the Dutch Chamber of Commerce (KVK), innovating processes to enable online submission of forms, replacing the erstwhile hard-copy mail submissions. KVK is renowned for being one of the most innovative companies in the public sector, maintaining comprehensive business registration details in The Netherlands. Furthermore, as a DevOps & Cloud Engineer for Deloitte Tax, I was instrumental in implementing a robust AI-powered platform's cloud infrastructure and automating CI/CD pipelines, which provided a streamlined, turn-key solution for tax consultants, including the development of a framework for executing fully automated end-to-end tests.

ASP.NET Core, .NET Core, .NET Framework, C#, Visual Studio IDE, VS Code, Azure IaaS, Azure PaaS, Microservices, REST, Azure Bot Service, Azure LUIS, Azure ML, Azure DevOps, Test Automation, CI/CD, System Design.

Fixx IT Professional Services (Entelect Europe) – Senior Software Engineer

Jun 2014 – Oct 2016

As a Senior Consultant & Solutions Architect, one of my major projects was with Rabobank, one of the largest and safest banks globally, headquartered in Utrecht, The Netherlands. In the Investment division, I developed an online tool as a Senior Software Engineer, enabling investment advisors to efficiently analyse and provide optimal advice to their clients. My responsibilities in this project were multifaceted, spanning the development of new features, stabilization, and optimization of existing processes, and maintenance development, significantly influencing one of the teams.

Additionally, I spearheaded the development of innovative solutions for diverse domains. For Wheely Online, a startup providing insights on vehicle total cost of ownership through machine learning, I implemented a scalable and resilient microservices architecture on the Microsoft Azure Platform as a Cloud Engineer & Solutions Architect. At AgroVision, I contributed as a Senior Software Engineer to the development of specialized agricultural software, including CropVision, a comprehensive web and mobile solution aiding farmers in managing crops effectively, with seamless integration with existing legacy systems. My extensive experience in various technologies like ASP.NET Core, .NET Framework, Azure PaaS, and Microservices, coupled with my proficiency in system design and enterprise integration, enabled the successful execution of these projects.

ASP.NET Core, .NET Core, .NET Framework, C#, Visual Studio IDE, VS Code, Azure IaaS, Azure PaaS, Azure Search, MongoDB, SQL, Microservices, REST, Azure DevOps, CI/CD, Enterprise Integration, System Design.

Publications

Between 2013 and 2018, I authored several publications, including the book "Modern API Design with ASP.NET Core 2" and articles for SDN Magazine, DNC Magazine, and Packt Publishing. A complete list can be found on my website, <https://reynders.co>. In addition to writing, I've been an active speaker and organizer at events like the Global Azure Bootcamp, SDN Event, Fixxup User Group, and the Dutch .NET Group. Recognizing my contributions and leadership, Microsoft honoured me with the Most Valuable Professional (MVP) award from 2014 to 2023, an accolade celebrating exceptional technical community leaders.

Other Experience

Dariel Solutions – Senior Software Engineer (2014)

At Dariel Solutions, a premier South African software firm, I developed a mobile-first broker portal for Leppard Underwriting as a Senior Software Engineer, streamlining interactions with underwriting systems. Additionally, as a Senior Consultant, I led a software audit for the South African Institute of Chartered Accountants, addressing user-reported issues. My technical expertise included .NET Framework, C#, and System Design.

EOH Microsoft Services – Senior Software Engineer & Tech Lead (2009 – 2014)

At EOH Microsoft Services, home to a vast team of Microsoft experts, I held a key role as a Senior Software Engineer. For Momentum Investments, I led a team of six, focusing on transitioning from legacy systems. Additionally, with Momentum Manager of Managers, I contributed as a Senior Consultant on Project "Omega", overseeing integrated systems for trade and pricing. My technical forte included .NET Framework, C#, and team management.

Buphe Management (2009 – 2011)

- Focus on providing top-class healthcare to Africans.
- Developed a web-based system for patient and treatment administration.
- Automated medical insurance applications.
- Led architecture and design implementation.

GreatStock Stock Photography & Videography (2010)

- Originated from cinema and TV commercials production in the 1980s.
- Developed a search engine for photo and video footage.
- Implemented integrations for bulk image and footage metadata.
- Contributed to the design of the search and ranking engine.
- Collaborated with designers to enhance user experience.

Compu-Clearing – Software Developer (2007 – 2009)

At Compu-Clearing in South Africa, I was a Software Engineer who developed web-based systems, like the Online Air Waybill Production System, to enhance air freight billing. I specialized in .NET Framework, C#, and VB.NET.

Cannibal Property Development (Jun 2009 – Oct 2005)

- Real estate and property developer in Western Johannesburg.
- Developed a system for back office staff to manage monthly rentals.

C3 Specialists – Power & Industrial Plant Structures (Jun 2006 – Apr 2007)

- Specialized in the design and analysis of power and industrial plant structures.
- Developed a module to assist engineers with analysis interfacing with existing systems.

Professional Training

- Microsoft Certified Professional – MCTS & MCPD
- Microsoft Certified: Azure Fundamentals