Delsit ict consultancy

1 Personalia

Name:	S. (Sander) Spier
City:	Vriezenveen
Date of birth:	May 6, 1977
Nationality:	Dutch
Marital status:	Married
Languages:	Dutch, English, German
Role:	Senior Software Engineer, Datawarehouse specialist
Type of assignments:	Freelance (.NET/ BI assignments)

2 Education

Subject-based:	Microsoft Certified Solution Developer
	Object Oriented Analysis and Design
	Microsoft Commerce Server 2002
	Microsoft Biztalk Server 2004
	UML/ RUP
	Social and communication skills
	LogicaCMG University Class
Regular:	Bachelor of Science in Business Administration
	Pre-university education (VWO)

3 Profile

Sander Spier is an experienced software developer and business intelligence specialist. He has gained his experience within various organizations. Sander Spier has broad technical knowledge. He mainly has built up expertise in Microsoft platforms and tools. Sander is especially proficient in the following tools/techniques: Data modelling, ORM-Mapping (NHibernate, Entity Framework), C#, Angular, VB.NET, ASP.NET, MVC.NET and SQL. Furthermore, Sander has knowledge and experience of OO design and programming and development under SCRUM/Agile.

Sander Spier is a committed, independent worker with a problem-solving insight. He has carried out assignments both independently and as a teamplayer. He is flexible and likes to take on challenges. Sander Spier has good communication skills. He is good with people and knows how to motivate his team members.

4 Experience

Programming:	20+
Analysis and design:	20+

4.1   Product experience

Programming languages/ environments:	C# (15+) VBA/ Visual Basic 6.0/ VB.NET (6) Silverlight (0,5) Java (1) C++ (1) SQL (15+) MDX (0,5) XML (10+) HTML5 (5+) ASP/ Javascript/ VB script (AJAX) (10+) ASP.NET (10+) .NET Core (1,5) MVC.NET (3) Node js (0,5) Angular (1,5) Specflow (1)
Tools:	Microsoft Visual Studio 2000 t/m 2019 (15+) Microsoft Internet Information Services (15+) Microsoft Visual Interdev (2) Microsoft Transaction Server (1) Microsoft CRM Dynamics 4.0 (0,5) Microsoft Commerce Server 2000/ 2002 (1) Ms Build Subversion/ Tortoise Stash Jira Git Mercurial Jenkins Transloco Cruisecontrol.NET NUnit, AutoFixture, Rhino Mocks, Specflow
Methods en Techniques	Azure DevOps (Cloud) Docker Kubernetes SCRUM/ Agile Protobuf TDD (Test Driven Development) OO (Object Oriented) CQRS (Command Query Responsibility Segregation) DDD (Domain Driven Design) Data modeling Micro services NHibernate

	Entity Framework
	Silverlight
	Client/ Server
	Web technology
	Business Intelligence
	AutoMapper
Middleware:	Microsoft .Net Webservices (REST, SOAP)
	Web Api
	WCF webservices
	Microsoft COM
	Message Bus (MSMQ, RabbitMQ, MassTransit)
OS:	Unix/ Linux (1)
	Windows (15+)
Databases/ Storage:	SQLserver (specialist)
	Eventstore
	Oracle
	Db2
	MySQL
	MongoDB
	MS Access
Network technology:	TCP/ IP, SOAP, REST, Internet

4.2 Project experience

Period:	October 2020 - currently
Client:	Qredits Microfinancing Netherlands
Role:	BI specialist
Activities:	Sander is responsible for supporting the maintenance and optimization of the Datawarehouse for 1 day a week.
	Tools and techniques: ETL, SQLserver, Azure Data Factory.

Period:	October 2020 - currently
Client:	VinceDesign BV
Role:	Software Engineer/ BI specialist
Activities:	As part of a scrum team Sander has taken the Vincemanager platform (e-commerce platform, servicing multiple websites) to a higher level. He has set up a Datawarehouse and is mainly concerned with optimizing performance.
	Tools and techniques: AngularsJS, CQRS, Entity Framework, Azure DevOps, Web Api, MVC, C#, MS Visual Studio, AutoMapper, Power BI, SQLserver, Azure Data Factory.

Period: March and April 2021
Client: TenCate Geosynthetics BV
Role: BI specialist/ SQLserver specialist
Activities: Together with a colleague Sander converted a complex Excel Workbook containing Forecast and S&OP related data into an efficient automated data flow in SQLserver.

Period: April 2020 - September 2020
Client: DeGroSolutions BV
Role: Software Engineer/ Architect
Activities: As part of a scrum team Sander was responsible to refactor the architecture of the Fenix Dierplatform (international platform for the management of your pet (owner declaration / transfer, animal passport). The goal was to make the platform more scalable and flexible in handling the fluctuation of requests during the day.
Tools and techniques: DDD, CQRS, Microservices, Docker, Kubernetes, Azure DevOps, Eventstore, RabbitMQ, MassTransit, .Net Core, WebApi, Angular, Protobuf, C#, MS Visual Studio, AutoFixture, AutoMapper.

Period: July 2010 - April 2020
Client: Topicus Finance BV
Role: Software Engineer/ Tech Lead
Activities: As member of a scrum team Sander has carried out several assignments within the mortgage system called QSP (extensive fully integrated web application with connections to HDN, BKR, NHG, AFM, General Ledger, Document Management, Basel). Sander was the technical point of contact within the team and in that role he was very much involved with the architecture, he furthermore focused in particular on measuring/monitoring and optimizing the performance, the financial settlements within the application and connecting to external systems. (including BKR, Document Management System, HDN, MijnOverheid, Land Registry).
Tools and techniques: SQLserver, C#, MS Visual Studio, XML, AJAX, NHibernate, Entity Framework, Mercurial, Jenkins, ASP.NET, MVC.NET, Angular, WebApi, WCF webservices, RabbitMQ, .NET Core. TDD. NUnit, Rhino Mocks, Specflow, Jira, AutoMapper.

Period: March 2010 - June 2010
Client: Micro Valley BV
Role: Software Engineer
Activities: Sander has performed several assignments within the web application called Columbus (Front End that ecxtends Microsoft CRM Dynamics). Sander mainly has improved the performance and refactored a number of parts.
Tools and techniques: SQLserver 2005/ 2008, C#, Silverlight, MS Visual Studio 2008, XML, XSL(T), AJAX, Microsoft CRM Dynamics (Filteredviews, CRM/Metadata webservices, FetchXml).

Period: October 2008 - February 2010
Client: Rabobank International
Role: Software Engineer
Activities: As a team member Sander has developed several web applications (within the existing .NET portal). Sander was responsible for the analysis, design and development of the applications. Developed functionalities: read-in module for processing and editing data, xml spreadsheet processing, interfacing with subsystems.
Tools and techniques: SQLserver 2005, C#, VB.NET, MS Visual Studio 2005, XML, XSL(T), MS Excel, NHibernate, AJAX, MDX.

Period: July 2007 - September 2008
Client: Electrabel
Role: Software Engineer
Activities: In an application management environment, Sander has taken on various projects, mainly bugfixing and handling change requests. He did the analysis, design and development of the work.
Tools and techniques: SQLserver 2005, C#, MS Visual Studio 2003/ 2005/ 2008, Subversion, Cruisecontrol.NET, MSBuild, WCF, NHibernate, Silverlight, AJAX, NUnit.

Period: June 2006 - June 2007
Client: RIVM
Employer: Be Value
Role: Software Engineer
Activities: As a team member Sander helped on the development of a new framework based on Microsoft .NET 2.0 framework with the aim of being able to quickly and efficiently deliver websites that comply with web guidelines.. Tools and techniques: SQLserver 2000, VB.NET, C#, MS Visual Studio 2003/ 2005, NUnit.

Period: October 2005 - May 2006
Client: De Lage Landen
Employer: Be Value
Role: Software Engineer
Activities: A .NET new-build project has been carried out for De Lage Landen to support increased and reduced use of Office Equipment (copiers). Data is exchanged between the front and back office through an XML interface. Sander was responsible for the design of the data model (SQLserver 2000 database) and he designed and built the calculation model algorithm (C#, MS Visual Studio 2003).

Period:	April 2001 - September 2005
Werkgever:	CMG → LogicaCMG → CGI (now)
Role:	Software Engineer
Clients	Multiple
Activities:	The Lotus Notes application called MECI has been ported into a Microsoft .NET environment (SQLserver 2000 database). The application supports monthly data entry from different business units. The application consists of an authorization (Forms and Windows Authentication), reporting and data entry component. Sander was responsible for the design and construction of the application.
Activities:	The A&E project (Access & Entitlements) involves the development of a module to manage and distribute online access and online rights. To develop this module, we have used .NET web services (SQLserver 2000 database). In addition, we have developed the Reed Business Information webshop (Commerce Server 2002), that uses this module together with other Reed Business Information websites. In the team, Sander was responsible for the design and construction of various sub-assignments within the project. He has also provided support and advice to other developers/projects in particular regarding the implementation of the web services.
Activities:	Continuous Variable Transmission belts are made up of links and strings. The production process of a series of links consists of a number of steps. At each process step, characteristics are measured. These measurements are used to put together the right mix of links, with the aim of manufacturing the strongest possible link. Sander was responsible for the analysis, design and construction of the application that automates this process. Tools and techniques: VBA, MS Access 2000, Oracle, SQL server 2000.
Activities:	STAP is an application developed for pension funds. The pension funds fill in their annual company data and send this data back to the Pension and Insurance Board for validation. In the team, Sander was fixing bugs and handling change requests. Pension STAP has been developed using the technologies: JAVA, HTML, Javascript, XML, Mckoi (database).
Activities:	Numerical Core Data is an application developed for housing corporations in the Netherlands. The housing associations fill in their annual company data and send this data back to Centraal Fonds Volkshuisvesting for validation. In the team, Sander was responsible for setting up the data model and for building the application. The application is developed using the technologies: JAVA, HTML, Javascript, XML, Mckoi (database).
Other clients:	OHRA Bank Arnhem. RVS Ede. ING Direct Hoofddorp.