



Nicolas De Smyter

Personal information

Name Nicolas De Smyter
Date of birth January 23th, 1990
Place of birth Ghent, Belgium
Nationality Belgian
Address Bommelhoek, 9840 De Pinte, Belgium - (area around Ghent)
Licenses Driving license B, ICC Nautical license (ICM)
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Certificates

Jun '22 Boost you architecture skills, by AE
Nov '20 TOGAF Framework
Oct '20 ITIL Foundation
Apr '16 NELOS Scuba Instructor Level 2, CMAS
Oct '15 Scaled Agile Framework ScrumXP Practitioner
Apr '15 Coursera: Fundamentals of Management
Apr '15 Coursera: Project Management: The Basics for Success
Sep '14 Oracle Certified Professional, Java SE 7 Programmer II
Mar '14 Oracle Certified Associate, Java SE 7 Programmer I

Skills

Programming **Java**, JavaScript, TypeScript, PHP, NodeJS
Web **Angular**, Vue.JS, **HTML5**, **CSS/LESS/SASS/***, OpenLayers
Sol. Arch TOGAF
Java Spring, Hibernate, junit, Flyway
Database Oracle SQL, MySQL, **PostgreSQL**
Scripting **Unix** and Windows scripting
Cloud Azure, Kubernetes, OpenShift, Argo CD, GCP

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Technical Solution Architect - Software Engineer - Project Technical Lead 1/5

Other **Android**, L^AT_EX, XML, **GIS**, Ansible, **IntelliJ**, XSLT, VB for Applications (VBA), Office Suite

Experience

- Dec '22 - now **Solution Architect**, VDAB,
Maintaining an OpenShift cluster environment and helping app teams to migrate from VM to containers. By maintaining base images, helm charts and providing helpful code change suggestions,
Job function: **Solution Architect**, **Technical architect**.
Keywords: *Java*, *Argo CD*, *Openshift*, *Kubernetes*, *helm*
- Aug '21 - **Technical Architect**, *Deutsche Bank*,
Dec '22 Responsible for the architecture of the front-end applications. Also working on migrating on-premise cluster applications to Google Cloud Platform,
Job function: **Technical architect**.
Keywords: *Java*, *Angular*, *Kubernetes*, *GCP*
- Apr '19 - **Java GIS Engineer**, VMM - *Vlaamse Overheid*,
May '21 Working on an application that is used to collect all sewers in Flanders. Sewer operators can create projects to get grants for their projects. Those projects are put on a map, together with other projects, to see the previous, current and future network of sewers.,
Job function: **Project Technical Lead**, **Technical analyst**, **Developer**.
Keywords: *Java*, *Technical Design*, *Technical Analysis*, *Angular 11*, *Java*, *Hibernate*, *PostgreSQL*, *PostGIS*, *jUnit*, *Typescript*, *REST-API*, *OpenLayers*
- Dec '18 - **Software Architect**, *Vlaamse Overheid*,
Mar '19 I was a junior software architect on a project for the elections of 2019. Mainly focused around how we should set up the servers and databases for development, test and production. Keeping security and time in mind.,
Job function: **Software Architect**.
Keywords: *Java*, *Planning*, *Technical Design*, *Technical Analysis*, *Security*, *Resource Management*
- Feb '17 - **Project Technical Lead**, *Vlaamse Overheid*,
Mar '19 I became the Project Technical Lead of the department Maritieme Toegang at the Flemish Government. I am responsible for several applications being developer (or maintained) there: Mister, Madame, Toponiemenbeheer and others. Our team exists out of several people,
Job function: **Project Technical Lead**.
Keywords: *Angular 2*, *ExtJS*, *Angular.js*, *Java*, *Spring*, *Hibernate*
- Feb '12 - now **Android Developer**, *personal*,
Starting from applications I would personally could use, and then develop and publish these apps to several App stores,
Job function(s): **Designer**, **Analyst**, **Developer**, **Tester**.
Keywords: *Java*, *Android*, *REST-API*, *MySQL*

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Education

- 2011 - 2013 EN: Master in Computer Science - Software Engineering at Ghent University
NL: Burgerlijk ingenieur, Master in Computerwetenschappen - Software Engineering aan de Universiteit van Gent
- 2008 - 2012 Bachelor in Computer Science at Ghent University
- 2002 - 2008 Math and Science at Sint-Bernarduscollege Oudenaarde

Languages

- Dutch Mother tongue
- English Very good written and spoken
- French Second language, mediocre written and spoken
- German Basic knowledge written and spoken

Interests

- Diving NELOS 2*I CMAS Diving Instructor at Mantis Divers Club vzw
- Mobile Developing Android and BlackBerry applications for phones and tablets

Awards & directorship

- Dec '13 - now **Board member (since 2013) and web administrator (since 2009)** at Mantis Divers club vzw.
- Feb '16 - now **Board member and web administrator** at OVOS. OVOS is the East-Flemish Association for Underwater Research and Sport (ovos.be)
- 2018 **Team of the Quarter** with the project "Lokale Verkiezingen" on which I was the project technical lead
- 2013 **BlackBerry Developer Award** given to developers who contributed to make the start of BlackBerry 10 unforgettable
- 2011 - 2012 **Secretary and board member** of the students association ZeusWPI of Ghent University (zeus.ugent.be) (2011-2012)
- 2010 **Gouden Duikbril 2010** (EN: "Golden Dive Mask") Awarded by Mantis Divers Club vzw for my contributions to the club

Applications

- Know Your Customer The "KYC" (for short) application is used to update the information of customers because of legal requirements. I was mainly involved in moving the KYC application from on-premise cluster setup to **Google Cloud Platform**

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Toponiemen-beheer	The "Toponiemenbeheer" application is used to manage toponyms (= a location on a map that has a specific name or meaning) at the Flemish Government. It is built using Angular 2 in combination with Polymer in the frontend, in the backend there is a NodeJS server based on the Strongloop framework.
Local Elections	The website of the Local Elections (NL: "Lokale Verkiezingen") of 2018 was made by a team of which I was the PTL. The backend code was written in Java , the frontend was in Vue.js
Data-Engine	The Data-Engine is an ETLP tool, built in Java to extract, transform, load and/or publish GIS data. By using a configuration website created using a REST API and AngularJS . In the backend technologies like Spring and PostgreSQL could be found.
Shell Eco Marathon	Every year Shell organizes an Eco Marathon where the cars are tracked by an HP-engineered system. The front end consist of different technologies working together in harmony. The backend was based on HP Vertica databases and was accessed using PostgreSQL .
Getijdentabel	This Android application shows the tides of the coast on several locations in Belgium and The Netherlands. It started out as a simple application that was only for personal use, but has grown to be a free tool that is currently used by a couple of thousand people.

Further Experience

- Oct '13 - **Java GIS Engineer**, *Vlaamse Overheid*,
 Mar '19 Creating a new and improved version of an existing ETL tool, so that it would allow this tool to handle more data. But also make it more customizable. This is an ongoing development, as always more is expected of the tool. I started from scratch to create this application. I was in charge of doing the technical analysis and doing the design of the parts of the applications. Afterwards also the development and testing of these specific new parts,
 Job function(s): **Technical analyst, Developer, Tester**.
 Keywords: *Angular 2, Java, Spring, PostgreSQL, PostGIS, jUnit, JavaScript, jQuery, Angular.js, Bootstrap, REST-API*
- Feb '18 - **Project Technical Lead**, *Lokale Verkiezingen*,
 Oct '18 I was the Project Technical Lead for the Local Elections (NL: "Lokale Verkiezingen"). We made the application that received the results from the elections, removed some private information and sent that newly generated data to the media partners. The same data was also used by used to make the website vlaanderenkiest.be. We received the Team of the Quarter at the Flemish Government for this project.,
 Job function: **Project Technical Lead / Developer**.
 Keywords: *Vue.js, Spring, Hibernate*

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- Feb - Mar '13 **Application tester**, *In The Pocket*,
Part of a test group, to test newly built mobile Android and iOS applications,
Job function(s): **Tester**.
Keywords: *Java, Android, iOS*
- Jul - Sep '12 **.NET Developer**, *Xplore+*,
Developing a monitor application CoRePublisher (more info: ndsmyter.be/corepublisher) for Cognos Report files, which can move those files to SharePoint sites, FTP servers, Shared Folders and others,
Job function(s): **Technical analyst, Developer**.
Keywords: *.NET, Services, WSF*
- Jul - Aug '11 **.NET Developer**, *Xplore+*,
Developing a monitor application CoRePublisher (more info: ndsmyter.be/corepublisher) for Cognos Report files, which can move those files to SharePoint sites, FTP servers, Shared Folders and others,
Job function(s): **Technical analyst, Developer**.
Keywords: *.NET, Services, WSF*
- Jul '10 **Flex/Flash Developer**, *Summer of Code Ghent 2010*,
Developing an application that makes it possible to query Semantic databases,
Job function(s): **Developer**.
Keywords: *Flash, Flex, Semantic Web, Ontologies, ActionScript*

Social media

- LinkedIn be.linkedin.com/in/ndsmyter
Stackoverflow stackoverflow.com/users/1264315/ndsmyter
Facebook facebook.com/ndsmyter
Instagram instagram.com/ndsmyter

Find the latest version of my CV on ndsmyter.be/cv.
This version was last updated on Thursday 4th April, 2024.