



Nicolas De Smyter

Personal information

Name Nicolas De Smyter
Date of birth January 23th, 1990
Place of birth Ghent, Belgium
Nationality Belgian
Address Kouter 21, 9810 Eke, Belgium - (area around Ghent)
Telephone (+32) 499 26 21 05
Licenses Driving license B, ICC Nautical license (ICM)
Mail nicolasdesmyter@gmail.com

Certificates

Apr '16 CMAS Scuba Instructor Level 2
Oct '15 Scaled Agile Framework ScrumXP Practitioner
Sep '14 Oracle Certified Professional, Java SE 7 Programmer II
Mar '14 Oracle Certified Associate, Java SE 7 Programmer I

Coursera

Apr '15 Coursera: Fundamentals of Management
Apr '15 Coursera: Project Management: The Basics for Success

Skills

Programming **Java**, JavaScript, TypeScript, C-family, Ruby (on Rails), .NET, ActionScript, Adobe Flash, Flex, PHP, NodeJS
Web Angular 1, **Angular 2**, **HTML5**, **CSS**, OpenLayers, Polymer, WordPress
Java Spring, Hibernate, junit, Swing
Mobile **Android**, BlackBerry Cascades, BlackBerry Webworks
Database **PostgreSQL**, MySQL, Oracle SQL
Network Setting up computer networks (IPv4 and IPv6)
Scripting **Unix** and Windows scripting

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Other \LaTeX , Hadoop, XML, **GIS**, Ansible, XSLT, VB for Applications (VBA), Semantic Web, Haskell, Prolog
IDE **IntelliJ**, Netbeans, Visual Studio, Eclipse, Maple, Matlab
Office Suite PowerPoint, Excel, Word, Access, Outlook, Visio

Experience

- Oct '13 - now **Java GIS Engineer**, *Vlaamse Overheid*,
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): **Functional & Technical analyst, Developer, Tester.**
Keywords: *Java, Spring, PostgreSQL, PostGIS, junit, JavaScript, jQuery, Angular 1, Angular 2, Bootstrap, REST-API*
- Sep '13 - now **Java GIS Engineer**, *DXC.technology*,
Part of the Java Development team, focused on GIS applications. A wide range of applications that have to be made, most of them based on GIS technologies. Some proof of concepts that use the most modern and advanced technologies.
I started working here when the company was still called Hewlett Packard (HP). Later there was a split, and our team moved to Hewlett-Packard Enterprise (HPE). Later we moved again to CDS, a Hewlett-Packard Enterprise company.,
Job function(s): **Developer.**
Keywords: *Java, GIS, PostgreSQL, Hadoop, Hibernate, Wicket, Swing*
- 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

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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 Diving Instructor at Mantis Divers Club vzw
- Mobile Developing Android and BlackBerry applications for phones and tablets

Awards & directorship

- Dec '13 - now **Board member and equipment manager** (for scuba gear) at Mantis Divers club vzw. Also the web administrator since 2009.
- Feb '16 - now **Board member and web administrator** at OVOS. OVOS is the East-Flemish Association for Underwater Research and Sport (ovos.be)
- 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

- 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.
- 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 **Angular 1**. 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.

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CoRePublisher For my student job I made the CoRePublisher application together with Sofie Van Gassen (ndsmyter.be/corepublisher).

Further Experience

- 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 analysist, 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 analysist, 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

Twitter @ndsmyter twitter.com/ndsmyter
LinkedIn be.linkedin.com/in/ndsmyter
Google+ plus.google.com/100683510490650445783
Facebook facebook.com/ndsmyter
Foursquare foursquare.com/ndsmyter

Find the latest version of my CV on ndsmyter.be/cv.
This version was last updated on Wednesday 19th July, 2017 at 22:25.

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