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Nationality	Dutch

Profile

I am an experienced Software Engineer/Information architect. I am specialised on Python (Django) development as well as the organisation of development work (Continuous Delivery, DevOps). Mostly working as lead developer with a managerial role. I consider myself as a full stack developer.

I have large experience in both the public and private sector, national as well international, industrial, public and financial sector. Bridging the gap between ICT development, architecture and business. Good in large and complex organisations and used to work with teams of professionals. Worked a lot in the financial sector. International attitude. Large experience in EU Research projects since 1987.

Keywords: ICT Development, Python, Django, Databases, XML, Information and data modeling, DevOps, Docker, Kubernetes, AWS, Continuous Delivery, Oracle, ISO-STEP, Web, Cloud, SaaS, High Traffic, High Security, Prince2, Databases, ITIL, UML, Agile, Software Architecture, R&D

I am best in larger ICT development projects in a complex environment, working in a team and can take responsibility for the team result e.g. as lead developer, product owner, programme manager.

Available internationally.

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ICT

Python (Django, Flask)	+++++	Built large Django and Flask Sites, several custom scripts in python; 10+ years Python experience. Support in development scientific psychological training software.
Java (Groovy)	+++..	Qualified coder (done test); 10+ year experience. Backend development. Developed Android apps. Familiar with the usual tools like maven, jsr-286 portlets, spring, springMVC, Spring-boot etc. Developed in IntelliJ, Eclipse, JDeveloper and NetBeans. Experience with hibernate, JPA, ...
Cloud, Containerisation, docker	+++..	Worked a lot with docker, docker-compose and have also experience with Kubernetes on my own root server. Worked withj CloueHedge on continainer deploys to AWS, GC and Azure
Information modelling	++++.	EXPRESS, Taxonomies, ISO-10303, UML
DevOps	++++.	Maintaining linux servers, networking, firewalls, reverse proxies, certificate management. I manage our own root server.
PHP, html, html5, xhtml, CSS, SCSS/SaSS	+++..	Built lots of websites and supported several others; Developed own CMS; 10+ year experience, also some high traffic and high availability sites
Jquery, Angular, React	++...	Not an expert, but worked with jQuery for websites and learned myself Angular (1.5 and 4) and recently ReactJS
C/C++	+++..	Did a few larger projects in my German period (industrial context)
Databases	++++.	Lots of experience with MySQL, proficient with Oracle and Postgresql. Lately worked with NoSQL db's like Mongo. Worked years ago with Informix.
MS-Access en Excel VBA	++++.	Lot of experience, also with programming in VBA
Continuous Delivery, Integration, Provisioning and deployment	++++.	Experience with deployment and provisioning servers with Vagrant, Ansible, Docker, Terraform and tooling to manage the build process (see software engineering). Jenkins/Hudson, Maven, Ant, Ivy, Gradle, XL Deploy
.Net, C#	++...	Not an expert, but did my share. Worked on a stock trading application around Interactive Brokers in Visual Studio.
Webservices	+++..	Programmed RESTfull and SOAP interfaces, familiar with WSDL, JSON, XML, YAML serialisation, SOAP-UI

UML	+++..	Several analysis projects in the various models of

		UML
Monitoring, Nagios, ELK	+++..	Setup several Nagios systems, written plugins for printers and monitoring continuous delivery streets
PRINCE 2	+++..	Did programme management of large government programme as Prince2 Expert.
Agile/Rup/Waterfall	+++..	Used all these SE methods in several projects
Software engineering/testing/Continuous Delivery	++++.	Experience with IDE's like visual studio, SharePoint, eclipse, pycharm, Intellij, VS-Code, unit testing, selenium/cucumber, jasmine and tools like bugzilla, jira, git, svn ...

Work History

2012 – now **Robert Los Commercial and Contract Services B.V. Rotterdam**
Own company. I do ICT-, engineering, development and architecture jobs for several clients on project or secondment basis. Developed in Java (Spring), Django(python) and PHP with focus on heathcare, science en trade. Information modeling for eHealth. Continuous Delivery.

Recent projects:
- *Brainstam* – Co-founder/CTO. Setup Continuous Delivery as a Cloud Service. Startup company. Together with Intermax, RedKnot, PolderKnowledge.Virtualisation of CD, containerisation of CI process (March 2016 – now)
- *MN Services* – Lead Developer participants portals. Building multi-tenant portal, DigiD/SAML authentication, Locust load testing, docker networking using OpenShift/Kubernetes (portal for 2 million people in NL) (sept 2017 - now)
- *ING* – CDaaS team (Continuous Delivery as a Service) – (April 2017-September 2017)
- *EBPI* – Scrummaster and Java Spring Integration developer for high reliable messaging (oct 2016 – mar 2017)
- *Irdeto* – Portal for watermarking of Media content. Migration to Amazon EC2 and S3, Docker based integration. (June 2016 – now)

- *MN Services – The Hague*: Continuous Delivery Architect/scrum master/engineer: MN Service is the third largest retirement fund service provider with a managed equity of over 100 billion Euro. My role was to engineer the software factory in an Oracle based development environment using the Continuous Delivery paradigm (March 2015 – Feb 2016)
- *Trifork/BCT – Amsterdam/Amstenrade*: Java Development of a DMS/workflow environment for Liferay portlets in SpringMVC, scrum master and developer. Setup CI environment, built SpringMVC portlets , refactored the project to Spring-Boot/Thymeleaf. Aug 2014 - extended until begin 2015.
- *Intermax hosting - Rotterdam* -(top 10, NL, specialised in high traffic, high security hosting, e.g. hospitals, nrc, government – update of iso quality certification), (mar-jul 2014)
- *Transmare - Rotterdam*: Excel-VBA businesscase generator to IFRS rules for an overseas trading company, (feb – march 2014, january-february 2015)
- Python/Django datacollection management for *TU-Delft*, (dec2013 – feb 2014)
- Adaptions on BargeControl, (nov 2013)
- PHP quickscan in eHealth for *KEI bv*, (jul-aug 2013)
- Java Android development in eHealth (self and Vicinitas bv*)*, (2012-2013)
- Stock trader software in Java towards Interactive Brokers for *Clear Green invest b*v, (2013-now)

2006 – 2012	**Logica Netherlands - Amstelveen**
	Main Task: Commercial Manger/Director; Attached to TripleC development team for Software engineering and legal/contractual aspects of the development. (TripleC was Java programmed SaaS workflow solution for municipalities.
2004 – 2006	**NWO - Netherlands Organisation for Scientific Research – The Hague – Physical Science Council**
	Programme Management R&D programme JACQUARD (Software Engineering and Architecture).
2002 – 2003	**Senior Cad Systems BV - Amsterdam**
	General management of a CAD and Planning service bureau in the building construction sector.
	Achievement: Development of an eCommerce Platform. Building taxonomy for utility buildings. Development and deployment of 4D planning strategy and software for the construction of office buildings and shopping malls. 4D planning of construction sites.

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1995 – 2001	**TNO Building and Construction Research - Delft dept. Information Technology for Building and Construction**
	Head of Department. Done many large EU and national research and development programmes and projects. Introduced Java and design patterns at the department. Represented NL in ISO TC159/WG4
1993 – 1994	**Bremer Vulkan Verbund AG – Bremen (Germany)**
	General Support, Research and Development of Shipyards, ICT-based planning. Development, implementation and deployment of shop floor control systems and shipbuilding data models.
1988 – 1993	**Scientific Researcher** **BIBA - Bremer Institut für Betriebstechnik und angewandte Arbeitswissenschaft – Bremen (Germany)**
	Achievements: Development of Shop floor control systems (C, C++ and Informix, Unix based) for mission critical planning systems. Enterprise modelling, data modelling, shipbuilding, aerospace.
1983 – 1986	**Grote Beer Software**
	Achievements: Development of several modules in the application development environment for administrative software on CP/M and MS-DOS based systems.
Projects	(excerpt): MN-Deelnemersportaal, InfoBee.eu, MN3.0, Liferay Portal, 3TU Sand engine, IND Pardoning scheme, Ministry of VROM – BAG, TNO-HBG Half-Time (mission critical planning), several EU-framework projects (HC-CIM, Real Time monitoring and Control of Construction Site Manufacturing, ...)
Education	Doctor in Production Technology and Applied Work science (Ph.D.) 1994 – University Bremen, ICT and IT-architecture related.
	M.Sc. at University of Delft – faculty Aerospace Technology, 1988 (completed dissertation at mathematics and informatics faculty)
Other	Language skills: Very proficient in Dutch, German, English and a working knowledge of French. Plays the Saxophone.