
Jan Verstraete
partner raz consulting

Belgian - Year of birth: 1987
jan@razconsulting.be

Qualifications

Areas of expertise	Biomedical engineering, data analysis, process optimisation
Education	<ul style="list-style-type: none">• Master of engineering in biomedical technology, K.U.Leuven, Belgium 2010 - Thesis: Development of novel electrode array for cochlear implants by means of laser lithography• Bachelor: electrical engineering - business management, K.U.Leuven, Belgium, 2008
Supplementary education	<ul style="list-style-type: none">• Black belt in LEAN management (UGain, Gent, Belgium 2017)• McKinsey approach to problem solving, McKinsey, Belgium (2017)• Project management principles (PMI, Altran, 2013)• Presentation techniques (Altran, 2012)• Pyramid thinking (Altran, 2012)• Python (Udemy, online, 2020)• ISO 13485 on medical devices, CEPartner4U, Belgium (2021)• ISO 19011 on internal audit of management systems, SGS, Belgium (2021)
Languages	<ul style="list-style-type: none">• Dutch : Mother tongue• English: Full professional proficiency• French: Full professional proficiency

Experience

raz consulting, Belgium (10/2017 - ongoing)

Partner, founder

hict - optimizing health care, Belgium (04/2014 - 09/2017)

Sr. Consultant process improvements, data analysis and data modelling

Altran, Belgium (11/2010 - 03/2014)

Engineering consultant

Realized projects

ADB Lighting

Role

Period

Contribution

Testing, Belgium

Electronics Engineer

10.2010 - 03.2011

Testing and repairing high power dimmers (10kW).

CNH

Role

Period

Contribution

Drive train control system, Belgium, France, Brazil

Software/system engineer

03.2011 - 03.2014

Development of two brand new hydrostatic transmission control systems: grape harvester and sugarcane harvester. Using embedded C and model-based software development in Matlab/Simulink.

Pharma

Role

Period

Contribution

Cost study of home administration oncological drug, Belgium

Management consultant

05.2015 - 09.2015

Creation of calculation model (including reimbursement).

Pharma	Feasibility of home administration oncological drug, Belgium
Role	Management consultant
Period	05.2015 - 09.2015
Contribution	Elaboration of scenarios, interviewing and reporting.
AZ Glorieux	Pharmacy optimisation, Belgium
Role	Management consultant, project manager
Period	02.2015 - 10.2015
Contribution	Supporting expert/coach and analysis of some data.
Janssen Pharma	Analysis and concept of supply chain in Belgium, Belgium
Role	Management consultant
Period	01.2015 - 12.2015
Contribution	Analysis of current situation (interview, dat etc.) and creation of optimized logistics with workshops.
St-Dimpna	Audit of the hospital lab, Belgium
Role	Management consultant
Period	09.2015 - 12.2015
Contribution	Observations, data analytics and interviews with main stakeholders and reporting.
EpiCURA	Programing and configuration of hospital sites after a merger, Belgium
Role	Management consultant
Period	03.2015 - 04.2017
Contribution	Simulation of number of required beds, conducting interviews with physicians.
ZNA GZA	Development of new strategic cooperation, Belgium
Role	Management consultant
Period	01.2017 - 06 .2017
Contribution	Collaboration with McKinsey to align the cooperation with "an accessible and high quality second line care offer with innovative transmural collaborations". Data collection and analysis. Simulation of impact on activities in hospitals (urgencies, elective care, specialized care).
Radiology	Audit of a radiology department, Belgium
Role	Management consultant, LEAN expert
Period	07.2017 - 09.2017
Contribution	Project management and audit (interviews, visits, workshops)
Sint-Dimpna	Strategic repositioning of a regional hospital, Belgium
Role	Management consultant
Period	03.2017 - 09.2017
Contribution	Data analysis and strategic decision-making tool development
Hospitals	strategic hospital network collaboration, Belgium
Role	Advisor to contracted consulting agency (Gemelli)
Period	12.2017 - 04.2018
Contribution	Analysis of hospital characteristics and effects of collaboration (conflicts, complementarities, patient movements)
Dafra Pharma	Market repositioning strategy West-Africa, Belgium-based
Role	Management consultant
Period	02.2018 - 05.2018
Contribution	Market analysis of existing and possible new African markets
Moore Stephens	Roll-out financial model service offering for health organizations, Belgium

Role	Management consultant
Period	10.2017 - 05.2018
Contribution	Support health organizations with the implementation of the financial tool
CPAS Genappe	Business case new retirement home, Belgium
Role	Management consultant
Period	04.2018 - 08.2018
Contribution	Creating business case for a group of CPAS (building a new retirement home, incorporating financing rules.
IDEA	Feasibility study of a logistic hub for 6 hospitals (phase 2), Belgium
Role	Advisor to contracted consulting agency (Intraco)
Period	08.2018 - 11.2018
Contribution	Analysis of benefit of mutualised support services and definition of best scenario
Oxfam Solidarity	Business case for new sorting center and associated logistics, Belgium
Role	Management consultant / project manager to contracted consulting agency (Intraco)
Period	11.2018 - 06.2019
Contribution	Elaboration of full business case from scratch (data collection, interviews, site visits, hypothesis making, calculations)
FLUIDDA	Corporate strategy & process optimisation, Belgium
Role	Management consultant / Project manager
Period	01.2018 - 01.2020
Contribution	Supporting definition of long-term strategy with numbers, organization of all internal structures and improvement of processes. Business plan with roll out for new business unit. Project manager and developer for customization of JIRA/Confluence.
Oncoradiomics	Business plan for new investment round, Belgium
Role	Business consultant - numbers expert
Period	09/2019 - 10/2019
Contribution	raz consulting has made the business case drafted by the direction, 'bullet proof' for a presentation to the board. This resulted in a 'go' of the board for an investement round of 20 million euro.
Oncoradiomics	Future proofing the company, Belgium
Role	Business consultant - process expert
Period	01.2020 - 07.2020
Contribution	raz consulting prepares oncoradiomics for the planned growth. This involves creating all necessary structures, processes and tools for a professional management.
Radiomics	Supporting growth, Belgium
Role	Operational Excellence Manager
Period	07.2020 - ongoing
Contribution	Apart from aligning and optimizing the processes in the company as operational excellence manager, Jan supported the implementation of a QMS (in SharePoint and Odo) and the submission of medical devices for CE and FDA under ISO 13485. Thanks to the collaboration between the QA Officers and Jan Radiomics got the ISO13485 certificate. Secondly, Jan set up and maintained a system to support Evidence Based Management within the existing ERP software (Odo). Jan also developed a lot of custom modules (apps) in Odo for internal communication and information sharing.

Technical knowledge

Knowledge areas	<ul style="list-style-type: none"> • (bio)medical technology • Supporting hospital functions (pharmacy, sterilization, warehouse)
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| | <ul style="list-style-type: none">• Hospital financing, Belgian reimbursement system,• Embedded software, Electronics• Change management |
| Methodologies | <ul style="list-style-type: none">• Lean techniques, problem solving• PMBOK |
| Standards | <ul style="list-style-type: none">• ISO13485 |
| Software tools | <ul style="list-style-type: none">• Office365, SharePoint, Power Automate, Power Apps• Tableau (data analytics), Odoo (ERP) |
| Computer coding | <ul style="list-style-type: none">• C, C++, Python, XML• Excel (with VBA), Microsoft Office• HTML, PHP, MySQL, CSS, Javascript, bootstrap... |