



CURRICULUM VITAE

Jacob Mulder



Personal

Jacob Mulder M.Sc.
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Jacob@MADmelange.com, www.MADmelange.com
Born on 14/8/1966 in Nieuw-Buinen, the Netherlands
Married since 1988, 2 daughters, FamilieMulder.com

Education

M.Sc. in Astronomy with Information Technology,
State university of Groningen, The Netherlands, 1989.
CISSP (information security), 2005.

Experience

CGI (formerly Logica)	1989 - present	Security & Enterprise Architect
MADmelange	2008 - present	Consultant
INCAS ⁹	2010 - 2011	Senior Industrial Researcher
Paletzorg	2012 - present	Chairman
Hanzehogeschool	2012 - present	Senior Researcher
RuG Healthwise	2013 - present	Security & Enterprise Architect
Kleurzorg	2014 - present	Board member
Thuiszorg de Buurtzuster	2017 - 2018	Member Supervisory Board

Skills

ICT Enterprise Architect

Lead architect in numerous large and business critical ICT systems of clients of CGI (formerly Logica), including ING, Gasunie, MoneyPlanet and Postbank. Architect of ITRACT-project.eu.

Future IT & Cloud evangelist. Extended knowledge and vision on e-health and smart grids. Part of CGI's expertise team Collaborative Network Services. Architect of the knowledge repository of BEinGRID and important player throughout this 4-year EU project (BEinGRID.eu, IT-Tude.com). Architect and implementer of a collaboration portal for the IGU. Architecture and specification of the security of the front office, financial transactions and peripheral equipment of Dutch Postoffices.

Security Architect

Identity & Access Management and GDPR at De Friesland Zorgverzekeraar. Interim security officer at VGZ-IZA. Several roles as security officer and security architect for multiple clients of CGI, including JustID, CWI, Essent and Postbank.

Promoter of an integral security approach. Enterprise security of mobile devices. Information security in healthcare. Architecture and specification of payment devices (PINpads, ATMs) and their transactions, using magnetic stripe and chip cards. Ambassador of the Logica NL Security Practice.

Networker and connector

Initiated Paletzorg, an association of some 60 autonomous healthcare professionals. Set up knowledge sharing, quality management and more, assisted many healthcare organisations.

Co-initiated Kleurzorg, a 'swarm' of groups like Paletzorg.

Skills (continued)	<p>ICT design & build Many ICT projects in many market sectors, from idea to maintenance. Core business real-time ICT systems with high availability, performance and quality. From industrial automation to mainframes. Real-time online transaction processing, large scale ICT and consultancy.</p> <p>Researcher Created a reference architecture for sensor systems at INCAS³. Implemented a simulation for a cognitive sensor on an FPGA. Active in Sensor Universe, knowledge of Lofar and SKA. Intelligent swarms of autonomous entities.</p> <p>Innovator Started PicoSmart, a collaborative effort to implement pipeline integrity management based on a swarm of intelligent small robots. Founder of WOOSH Technology, a concept for short time-to-market of multi-channel services based on object-oriented internet technology. Architect at Working Tomorrow, Logica's graduate development program, starting and coaching multiple innovative projects.</p> <p>Trainer Created and gave the Theme Security at Hanzehogeschool. Trainer at the Logica Academy, co-founder of Skills Centre. Knowledge management, collaboration environments.</p> <p>Languages Dutch (native), English (fluent), German (capable), French (read).</p>
Publication	<p>'Mobile Sensor Networks for Inspection Tasks in Harsh Industrial Environments', 2010, Sensors, 10(3):1599-1618. Suggested promotion subject: 'Ultimate control in empowered e-Health ("Power to the people – really!")'</p>
Hobbies	<p>Music: djembe (leader of Nugara.org since 2000), didgeridoo (Yirr-ma.org). Starting 'adventures' via my private company MADmelange. Acquiring knowledge, especially in the extreme aspects of exact sciences.</p>
Interests	<p>Inspiring concepts, inspiring people, provocative ideas. Health, care, healthcare technology, healthy ageing, independent living. Nature. Nature as inspiration. Cosmology, large scale structure of universe, origin of life. Concepts of matter, energy, time. Music, rhythm, electronic music. Applied research in ICT and exact sciences. Artificial intelligence, collaborative swarms, cognition, agent technology, robotics, autonomy, related ethics and philosophy.</p>
Character	<p>Enthusiastic, involved, dedicated, committed. Optimistic. No-nonsense. Inquisitive, associating, provocative, surprising, creative, innovative. Very flexible, but with focus on quality. Ambitious. Motivating and stimulating. Leading by example. Coaching and teaching. Advocate of a multi-disciplinary approach. Acknowledging commercial aspects. Adding vision and drive to projects.</p>
Phrases	<p>Everything is relative. Eyes wide open. Imagine. Why not? Interesting! Evolution uses small revolutionary steps. An integral and holistic approach. <i>Our</i> vision. Dare to look at multiple dimensions, dare to fly, dare to be brilliant. We do it because it's fun!</p>