



Jan van Duuren

Freelance Enterprise Architect

CONTACT

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SKILLS

- Meta Modeling
- Architecture Modeling
- Enterprise Architecture
- System Architecture
- Solution Architecture
- Cloud Architecture
- Architecture Frameworks
- UML
- Sparx Enterprise Architect
- Architecture Automation
- AI / LLM (Claude)
- IT Security
- Automotive
- Connected Car
- Node.js / JavaScript
- REST API Development
- BPMN
- ITIL
- SQL

LANGUAGES

Dutch (native)

English (fluent)

German (fluent)

INTERESTS

Cycling (Smart Bike)

Composing electronic music

Robotics

Profile

With 37 years of IT expertise — 20 of them as an IT architect and the last eleven specifically as an Enterprise Architect in Automotive Connected Car — I am an experienced Enterprise Architect. I specialise in developing architecture models and tools to standardise IT architectures, significantly reducing modelling errors and modelling time. My approach uses UML and the architecture tool Sparx Systems Enterprise Architect, combined with automation and custom tools to optimise architecture processes and foster clear communication through standardisation.

Experience

Owner — Van Duuren IT Consultancy

Jan 2015 – Present

Van Duuren IT Consultancy, Helmond

- Freelance Enterprise Architect.

Enterprise Architect — Volkswagen AG

Nov 2025 – Present (50%)

Mobile Online Services, Wolfsburg, Germany

- Since November 2025 back at Volkswagen AG (alongside CARIAD, 50/50); modelling in Sparx Enterprise Architect for VW Mobile Online Services.
- Intensively developing the automatic generation of various diagram types — making strong use of AI (Claude) — to reduce the workload of the solution architects.

Enterprise Architect — CARIAD (Volkswagen AG)

Jul 2020 – Present

Mobile Online Services, Wolfsburg, Germany

- Design and implement meta-models and modelling standards within Sparx Enterprise Architect to ensure consistency across architecture documentation.
- Manage a centralised architecture-artefact repository giving over 2,000 stakeholders access to up-to-date documentation.
- Train and support solution and system architects within Mobile Online Services so that all architects model in the same way.
- Develop automation scripts to streamline solution-architecture modelling and reduce manual workload.
- Design and develop a REST API and web frontend for Sparx Enterprise Architect, with automatic generation of UML diagrams to reduce modelling time.

Enterprise Architect — Volkswagen AG

Nov 2013 – Jul 2020

Mobile Online Services, Wolfsburg, Germany

- Designed, set up and managed a centralised architecture-artefact repository with access for over 2,000 stakeholders.
- Developed and enforced Car-Net architecture meta-model standards to promote consistency and scalability.
- Conducted architecture reviews and advised on technology integration, security and scalability of Car-Net services.
- Created solution architectures as a member of Volkswagen vehicle project teams, e.g. for the VW Passat GTE 2016, Tiguan 2017, ID.3, ID.5 and ID.7.

Domain Architect — Philips Global Account

May 2011 – Nov 2013

T-Systems, Eindhoven

- Designed solution architectures for the migration of more than 12,000 applications on 8,000+ servers to the T-Systems cloud.
- Developed and maintained reference architectures, roadmaps and guidelines for the compute and storage domains.
- Defined new service models, bills of materials, pricing models and business-case analyses for cloud services.
- Collaborated with cross-functional teams to establish and enforce global standards and principles.

Lead Solution Architect — Philips Global Account <i>T-Systems, Eindhoven</i> • Solution design of scalable, secure, cloud-based solutions for Philips' global IT infrastructure (12,000+ applications, 8,000 servers). • Central point of contact for a global team of 20+ solution architects on compute and storage standards. • Reviewed complex solution designs, focusing on security, performance and architecture standards.	Jan 2010 – Apr 2011
IT Architect — Production Line Data Centres <i>Philips Corporate IT, Eindhoven</i> • Designed and implemented a virtual desktop infrastructure (VDI) for more than 2,000 users within Philips' Finance & Accounting operations. • Defined service and cost models for data-centre services, including business-case calculations.	May 2009 – Dec 2009
Domain Architect — Data Centre / Backend Infrastructure <i>Philips Corporate IT, Eindhoven</i> • Defined and implemented a global backend-infrastructure strategy across multiple international sites. • Designed and implemented 'Internet Centric' technologies for scalability and security. • Designed reference infrastructure architectures to support technology adoption and upgrades. • Carried out proofs of concept to evaluate emerging backend technologies. • Designed the Remote Data Centre concept, enabling on-premise hosting at more than 270 sites.	Mar 2005 – Apr 2009
Pre-Sales / IT Consultant <i>COMPAREX Nederland, Zaltbommel</i> • Supported sales teams in developing tailored, high-availability infrastructure solutions. • Designed and implemented scalable backend solutions with RedHat Linux, IBM pSeries, IBM AIX and Sun Solaris. • Subject-matter expert for SAN storage, backup and disaster recovery. • Delivered technical presentations and demos translating complex IT concepts into business benefits.	Apr 2001 – Feb 2005
IT Consultant / Unix System Manager <i>Jumbo Supermarkten, Veghel</i>	Feb 1999 – Mar 2001
Unix Consultant <i>Frans Maas, Venlo</i>	Nov 1997 – Jan 1999
Unix System Engineer <i>Albert Heijn, Zaandam</i>	Oct 1995 – Oct 1997
System Administrator <i>Gemeente Geldrop, Geldrop</i>	Mar 1991 – Sep 1995
Field Engineer <i>PERAC Technical Services, Oss</i>	Sep 1989 – Mar 1991
Military Service (conscription) <i>Ministry of Defence / Army, Arnhem</i>	Jul 1988 – Aug 1989
Field Engineer <i>PERAC Technical Services, Grave</i>	Mar 1988 – Jul 1988

Education

Computer Science

Fachoberschule, Celle, Germany

1985 – 1987

MAVO-D

Prins Claus School, Bergen, Germany

1980 – 1985

Courses

ITIL V3 Foundation	2013	IBM HACMP System	2004
TOGAF 9 Foundation	2013	Administration I & II	2004
Essential Leadership	2013	IBM Logical Partitioning on	2004
Techniques for Improved Time	2012	Power5 pSeries	2003
Management	2009	RMCE Red Hat Certified Engineer	2003
Financial Assistant	2009	Solaris 9 OE – New Features	2002
Consultancy Training – Nolan	2006	Solaris Network Administration	2002
Norton	2006	Solaris System Performance	2002
CaseWise Basic Training (EA tool)	2006	Management	2002
Effective Meeting Skills	2006	Legate Networker 6.x Advanced	2002
Functional Leadership	2006	SUN E10K System Administration	2001
High Impact Presentations	2005	Sun Certified System	2001
IAF IS/TI – Integrated	2005	Administrator	2001
Architecture Framework	2005	Solaris 8 System Administration I	2001
IAF Essentials – Integrated	2005	Sun Enterprise Cluster High	1999
Architecture Framework	2005	Availability	1999
IBM AIX 9.0mpstart for Unix	2004	Introduction to Oracle	1996
IBM pSeries LPAR for AIX	2004	UNIX Fundamentals / HP-UX	1994
		Administration	1991
		Novell Netware 2.2/3.0 System	1991
		Manager	