

Resume / Curriculum Vitae

PERSONALIA

Name	Herman van Twillert
Date of birth	8 mei 1951
Place of birth	Bunschoten
Nationality	Nederlands
Status	Married, 4 children with Grandchildren
Address	Komeetbaan 11, 8802 BK FRANEKER(Friesland), The Netherlands
Telephone	+31 517 390210 Cell +31 653 896 647
Drivers license	B,C,D,E. (Full licensed car, van, trucks. Except motor cycle)
Languages	Native Dutch, verbal and writing English and German, verbal French
Personality::	<p>Technical-commercial oriented enterpriser / entrepreneur with great inner drive and social attitude.</p> <p>Knowledge and level gained by (self-) study but mostly trough hard work, experience and broad interest for business administration and techniques.</p> <p>Strong relation-builder, tradesman, negotiator and entrepreneur.</p> <p>Special knowledge in the areas: sales management, export-management, business-administration, strategic management, electronics, data-communication, telecommunication, radar-technology and semi-conductor test development. Automation, several programming language for PC en PLC, internet programming. Special machine-development and engineering and Construction, controlling devices.</p> <p>University Teaching level experience with Basic- and Advanced electronics both on Analogue and digital technique, Mechatronics programming languages as C, C++, ATLAS, Assembler, Java, Perl, RTEIII, Image and HPSmarTest.</p>

WORKEPERIENCE

TTAC Publishing.

2016-2018 Authoring the chronicles and genealogy of the ancient Van Twillert family dating back to 1295.

INTEL Ireland (leixlip). IoT systems on Advantest/Verigy-93k Systems

2016-2017 *Consulting Test program probing-board hardware- and software design and development/improvement on memory -testchip. A vehicle for a wide range IoT sensing and processor modules and tools. Test program is adapted for characterisation and qualifying the tests itself.*
As a consultant the works involves support on V93k digital testing, advising and aligning the development group.

ADVANTEST Europe GmbH Germany.

- 2015-2016 Application Engineer supporting Advantest customer with the develop of Non Volatile Memory test on Advantest -93k Systems
- 2012-2015 ***INTEL Mobile Communications Germany on Advantest/Verigy-93k Systems***
Test program hardware- software design and development on Intel Mobile Communication devices as LTE/4G Transceivers with focus on RF testing.
As a consultant the works involves support on V93k digital, mixed signal and RF testing within the development group.
- 2012 ***INTEL Mobile Communications Germany on Advantest/Verigy-93k Systems***
Consulting Test program probing-board hardware- and software design and development/improvement on memory -testchip. A vehicle for a wide range of memory modules and tools. Test program is adapted for characterisation and qualifying the tests itself.
As a consultant the works involves support on V93k digital testing, advising and aligning the development group.
- 2011- 2012 Senior Test development Engineer at Van Limburg Engineering BV (VLE)..
VLE services the global micro-electronics industry and generally the ATE (Automated Test Equipment) for semi-conductors.
As subcontracting party, VLE develops and feature hard- and software for semi conductor tests.
As technical director my responsibility is the management of European projects, global communications, coaching and training, the technical infrastructure and technical solutions offered to customers. To maintain the technical level of knowledge and experience I took part, or was in charge, of projects myself.
As test-engineer and as a licensed teacher for HP-Agilent-Verigy digital and mixed-signal test systems.
- 1999- 2011 Since October 1999 as technical Director at Van Limburg Engineering BV (VLE) at Staphorst/Emst.
Managing the head office in Holland and the USA offices in Tustin (CA) and San_Jose(CA) .
VLE services the global micro-electronics industry generally the ATE (Automated Test Equipment) for semi-conductors.
Secondary function is the configuration and maintenance of the global system administration on MS Windows, Unix, and Linux.

To maintain technical level of knowledge I took part, or was in charge, of projects myself.
As test-engineer and as a licensed teacher for HP- Agilent-Verigy test systems. Training in weekly sessions the worlds best selected engineers of well-known companies in the micro-electronic industry.
In 2006 I was assigned as teacher at the Hogeschool Windesheim at Zwolle. University for Electronic Engineering. For 3 months I replaced the full educational program of the regular teacher with electronic Basics, Digital principals and techniques, Mechatronics and Sensoring techniques for the 1st , 3rd and 4th year students on Electronic studies.

(If required, an English resume is available describing the VLE projects in more technical details)

- 1998- present** From January 1998 as owner and part-time manager / consultant at TTAC International BV. (TTAC abbreviation for "Technical Trading and Consultancy")
TTAC advised food production company's throughout Europe with development, engineering, projecting and purchase of packaging equipment.
Further: assistance with product innovation, development and new production processes. The consulting operations are mostly in foreign countries. The function implies, besides management, purchase, technical assistance and after-sales of capital goods and machinery for a number of well-known European machine manufacturing companies among which the former employer NNRI-PM Systems
- 1997- 2007** Owner – general manager of COMBICO-HOLLAND.
Combico developed and produced magnetic clamping systems for export and deploys a range of patent rights in that field.. The products are used in the display- and advertising / promotion markets, marina, naval and water sport and engineering.
- 1996- 2001** Participating partner of the cooperation BBIN Holland at Utrecht.
This organization is involved as mediator in company brokerage offering assistance with take-over, cooperation's, management buy-in and buy-out.
As business mediator I was responsible for the Northern part of the Netherlands as well as all Dutch industrial sector. I was conducting the negotiations between parties with a take-over of a company and assisted party's guiding them through all phases of the transition.
- 1994-1997** January 1994 PM-Systems BV has been taken over by the Noord Nederlandse Roestvrij Staal Industrie BV at Sneek Holland. Thus forming the new industrial group "NNRI PM-Systems".
NNRI is a joint venture with Landustrie Sneek en therefore part of the Frisian Shipyards Welgelegen Group in the North of Holland. NNRI develops and produces high-tech machinery and parts for the chemical-, the shipbuilding, the food processing- and the packaging industry.
As sales manager of this machine building company I was responsible for marketing and sales and especially involved in selling packaging machinery through all of Europe and Canada.
Maintaining and expansion of the foreign agent's network was my responsibility as an inheritance of the PM System time.
In cooperation of regional economic stimulation and structure improvement programs of the government, I took part of several trade missions to Scandinavia, Italy, Belgium, France, Austria and Israel.
As member of the management team, product development, quality management, human resource and public relations were also shared tasks

PM Systems time frame from 1984 to 1994

- 1984 March 1984, I founded PM-Systems.
- The main products and services were.
- Office automation
 - Process automation
 - Development of special branch software packages.
 - Development and production of special computer hardware components.
 - Dealership for SHARP computers and copiers
- 1985 June 1985 PM Systems formed a V.O.F. with an associated partner and moved on with the name PM Soft-Electronic Systems
- 1990 1990 the VOF transformed in a limited company and became a holding with 2 venture companies: PM-Systems BV (Machine manufacturing) en PM Datasystems BV (Telecommunication), I was assigned the function of commercial director of PM Systems responsible for marketing- sales and export management.
- Other tasks were general management of the holding, public relation, financial management, export- and dealer management.
- During that time I developed an international network of agents throughout Europe and abroad. Because of my background of electronic engineering, I had special attention to the software development and the electronic hardware-engineering department.
- The company focused on development, production end sales of packaging equipment and machinery for the food industry. Successful sales have been achieved where some 80% of it came from the country's Belgium en German speaking Europe.

Koninklijke Luchtmacht, Royal Netherlands Airforce time frame from 1971 to 1985

- 1971 From September 1971 though July 1985 services NCO in the RAAF.
- The career started at the Kaderschool at Schaarsbergen, successfully following the military- as well as the technical- education and courses for specialist in Electronics, Radio and Radar. The educational period covered 2½ year.
- Beside the technical training, I was specially trained to become instructor for Line- and Microwave techniques (Radar technique).
- 1975 From April 1975 until April 1981 I worked at the 3rd Group of Guided Missiles at Blomberg Germany. The first year as specialist communications and then as radar support engineer and Military-Industry Liaison officer

- 1976 October 1976 through April 1977 trained at Lombardsijde-Belgium the basic course for Specialist Pulse-radar for the HAWK guided missiles followed by a training for Improved Hawk Missile technology the at Huntsville Alabama USA. Successful finished and awarded with distinguished and "US Academic Excellence".
Back in Germany, I was assigned as radar specialist at the so-called DSU, Direct Support Unit. Several projects assigned me as project leader to resolve hard problems on radar equipment in close cooperation with the Industry.
- 1981 April 1981 on personal request I was transferred to Airbase Leeuwarden on the Avionics Intermediate Shop. This function demanded a transition by means of a range of courses in Holland and and the USA.
The following courses where successfully covered as: digital technology and microprocessors, at General Dynamics at Dallas USA system programming and control system maintenance on the Hewlett-Packard-1000 series test equipment for the F16 aircraft. The function implied development en maintenance of the control and support software with modules written in Atlas, Ada, Fortran4, and the assembling languages for HP-RTE III, 8080 en Z80 processors.
Special assignments were testing in the fields of data- and en telecommunication.
Besides my regular function I was able to convince the General command of the Dutch Air force of the need of a special trained and assigned person to maintain the main HP computers.
I was requested to develop the details of this proposal and was awarded with a generous financial award from the "Rijks-Ideënbuis"
In 1984 I started my own commercial company and left the Air force in 1985.
- 1970 - 1971 From Augusts 1970 to Augusts 1971 I worked at the combined Control Data Corporation , CDC and Electrofact (Laboratory equipment) at Amersfoort as Quality-Inspector
- In general** Based in the IT knowledge and experience through all the different phase. I managed the system-administration ICT with all the mentioned companies I worked for. All those companies used my Relation and Project management and Engineering management modules I developed .

EDUCATION:

- 1963 -1967 Lagere Technische School , Diploma Electronic engineer
- 1967 - 1969 Dr. A.F.Philipsschool at Hilversum, institute for Electronics and Telecommunications
Diploma's : Electronics, Telephony / Telegraphy, Telecommunications, VEV engineering,
- 1968 - 1970 HTS (Univerity) for Electronics, Rens & Rens Hilversum,
- 1970 - 1971 Nederlandse Technische School te Utrecht, Diploma Bedrijfselectronicus
- 1971 - 1974 Luchtmacht Elektro-Technische School LETS Schaarsbergen
Education in the field of : Basic electronics, Impulse technology, High Frequency,
Line- Microwave technology (Radar techiek)
Digital technique, Microprocessors
- 1976 - 1977 Radarspecialist Hawk Pulse-radar at the Belgium Airforce
- 1977 Conversion courses for Improved Hawk Missiles guided missiles weapon systems at UNAAMS
Huntsville Alabama USA
- 1980 Programming courses on Assembler HP-RTEIII, ATLAS, FORTRAN at General Dynamics,
Dallas USA. Maintenance hard- en software Avionic Systems
- 1983 - 1984 System programmer on HP- 1000 at General Dynamics USA / KLU
- 1991 Commercial Communication; Course from Moret Ernst&Young
- 1994 -1995 Commercial management; Course from LNA
- 1996 Course Industrial Marketing; Leeuwarden KvK and the van Nut Institute
- 1999 Teradyne Inc, Paris . ATE test Engineering/programming digital and mixed signal systems
- 2001 Teradyne Inc, Grenoble. ATE microwave test-engineering
- 2002 Agilent technology, Stuttgart. ATE test engineering on HP93000 SOC digital testers
- 2004 Verigy , Stuttgart. ATE test engineering on V93000 SOC digital and mixed signal testers
- 2007 Test Advantage, Expert Statistical Test Data Processing
- 2008 Verigy Cupertino(USA) V93000 SOC PortScale microwave testing
- 2009 Verigy , Stuttgart. V93000 SOC, System Service Training