Curriculum Vitae
of
Cor van Rij

Personal Information

Given name	: Cor
Christian name	: Cornelis Jan
Surname	: van Rij
Birthday	: February 28th, 1975
Place of birth	: Krimpen aan den IJssel
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Nationality	: Dutch
Gender	: Male
Marital status	: Married

Working experience

Mar 1997 – Now, Versatel Netherlands

Mar 2002 – Now, Manager Design
In the past years I had the opportunity to prove and develop my (project) management skills. In this role I was responsible for the day-to-day operations of the team, as well as hiring new staff. Together with the engineers I worked on the designs of many large customers e.g Fortis, ABN Amro, Unive, etc.
Over time I wrote several white-papers on various technologies to brief my engineers on new developments and technologies, like reliability calculations, encryption, echo cancellation, etc.

Feb 2001 – Mar 2002, (Senior) Design Engineer
Because of the different dynamics between development and operational tasks, the department was split in two. In this reorganization I applied for a position in the new "Design and engineering team." In this role I was responsible for the conceptual designs that were the basis for the dial-in platform. Also, I was responsible for the project to migrate all old IP-nodes to the new IP backbone that was being build. Together with a team of collegues I was involved in the technical designs of MPLS-VPNs. These designs are still the basis for many data products.

Mar 1999 – Jan 2001, Data Operations, (Senior) Operations Engineer
With the experience gained on data communications, I was asked to join the new team of "Data Network Operations." The team is responsible for commissioning of new customers, troubleshooting for existing customers with various data services like LAN-interconnect, Internet access etc. In 2000 I was part of the taskforce to build Zonnet as an ISP within 3 months. Here I was responsible for the low-level technical design of the platform. When I left at the beginning of 2001 I had been appointed to Senior engineer.

Mar 1997 – Mar 1999, IT
At this time was Versatel was a startup and the work was broad with lots of freedom. Main activities were to keep the server park running and expand it to meet the changing needs, function as part-time DBA. When the company grew over multiple locations it also included building the wide area network, to provide a solution for remote dial-in, design the first corporate web-site.

Jan 1996 – Jan 1997, Nato C3 Agency (formerly known as Shape Technical Center)

Aug 1996 – Jan 1997, Research (and develop) an alternative for active HF radio propagation.
The only two methods known for HF propagation estimation were either active (via a chirper) or passive ("trial and error"). While the first method is quit reliable, it has the inherent disadvantage of broadcasting the location of a military transceiver unit, which is considered undesirable in war-time. The assignment was to research whether civilian and utility HF stations could be used as a way of estimating the likelyness for successful communication to a specific geographical region. Part of the work included controlling different HF transceivers from a workstation, developing drivers to control the receivers, develop DSP algorithms to determine the quality of the connection using FFT and measuring Signal to Noise ratio for various modulation techniques (AM, CW, RTTY),
This work was carried out as an assignment for my graduating for my Bachelor studies.

Jan 1996 – Jul 1996, Porting the AWACS ESM radar simulator.
To support AWACS radar console operators in training and in order to analyze radar data after a flight, a simulator was developed for the new passive ESM radar of the AWACS. Part of the assignment was to port this simulator from a VAX/VMS system to a Windows environment so it would become more versatile. After the porting was completed, new algorithms had to be developed to improve real-time position triangulation of unknown radar signals, speed-up database interaction for faster identification of unknown aircraft based on radar patterns received and develop an algorithm for better pre-processing of captured radar data.
This work project was carried out as training project for my bachelor studies.

Training

- Communicating Technology within a team, Charles Hamilton Associates, Mar 2005.
- Content distribution networking, Cisco Systems, 2004.
- Functionerings gesprekken, (Versatel intern), 2003.
- KPI and target setting (Versatel intern), 2003.
- Advanced BGP configuration, Global Knowledge, Aug 2001.
- MPLS configuration, Global Knowledge Jan 2001.
- Workshop ANT-20 ATM analyzer, Feb 2000.
- Local Internet Registries, RIPE NCC, Jun 1999.
- Advanced IP Networks, ICM Conferences, Dec 1999.
- MGX ATM concentrator training, Cisco Systems, Sept 1999.
- BPX Switch and Services Configuration, Cisco Systems, Jun 1999.
- Multiband Switch and Service Configuration, Cisco Systems, Apr 1999.
- IT Project Management, IIR Technologies, Nov 1998.
- Management voor beginnende Mangers, Euroforum, Sep 1997.

Knowledge areas

- Electronics related: HF design, HF propagation, and analog circuit design.
- Network related technologies: RDBM, modulation techniques, routing protocols (IS-IS, BGP, OSPF), transport protocols (HDLC, PPP, Frame Relay, ATM, Ethernet, SDH), WAN technologies like SDH (E1, E3, T3, STM-1 and up), DPT, DSL, WLL (antennas and propagation).
- Interpersonal skills: debating with, presenting at, and influencing of other people.
- Time and project management,

Education

September 1993 - January 1997, Bachelors degree in electronics, Graduaded with Honours
Topics included: HF system design, analog design, network analysis, analog IC design, programming and programming micro controllers, Digital Signal Processing, data communication. Graduated with Honors (cum laude), average mark 8.4

September 1987 – July 1993, High-school VWO
Topics: Physics (8), Chemistry (8), Mathematics A (8), Mathematics B (7), English (7), Biology (7), History (6), Dutch (6).

Languages

	Speaking	Listening	Writing	Reading
Dutch	Native	Native	Native	Native
English	Excellent	Excellent	Excellent	Excellent
German	Basic	Average	Basic	Good

References

Available upon request.

Personal Interests

- Reading, long distance walking, electronics and amateur radio, (power) kiting, Christianity, socializing with friends.