

Ivo J. Janssen, M.Sc.

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Objective

To be part of a successful professional services team in a pre-sales and post-sales architecture and deployment role.

Summary

Enthusiastic and skilled solution engineer and architect with experience in deploying enterprise software with special focus on grid computing and data center application virtualization. Extensive experience in writing custom integration software as part of pre and post sales activities. Expert in on-site problem assessment and resolution with superior customer facing skills. Able to adapt to new environments quickly and rapidly become proficient with new systems, tools and skills. Good team player who thinks beyond the problem at hand instead of following the established paths in order to find a better solution that meets both current and future needs.

Professional experience

- **Univa UD, Inc.**, Austin, TX, USA (Sep 2007 – present)
Senior Solutions Engineer
 - devised and executed implementation strategy for new Univa UD datacenter orchestration product
 - tradeshow support with demos, logistics and technical preparation for Univa UD's open source cluster scheduler product, including SC'07 and Bio-IT World
- **United Devices Inc.**, Austin, TX, USA (Nov 2000 – Aug 2007)
Senior Solutions Engineer
 - implemented and performed customer training/workshops for full UD product range (Grid MP, MP Insight and MP Synergy)
 - architected and executed many custom implementations for major Fortune 500 accounts, including a 65,000 desktop rollout of UD's flagship product at Top 10 pharma
 - worked closely with ISVs to encourage and aid adaptation of UD product set within their products, including all top-5 Life Sciences ISVs
 - 2nd/3rd level support and at times 1st level support
 - tradeshow/conference support with demos, logistics and technical preparation for UD's full product range, such as Bio-IT World, SEG, Grid Today
 - technical lead on UD's own annual conferences
Senior Software Engineer
 - application team, migrated life-sciences applications to UD's Grid MP software framework
 - core engineering team, architected and implemented Grid MP management console in PHP, created and maintained SDK including API libraries, reference applications and technical documentation.
 - architecture, design and support for "grid.org", a philanthropic large-scale public internet distributed computing project sponsored by UD
- **NEC C&C Research Labs**, Princeton, NJ, USA (Sep 1999 - May 2000)
Consultant
 - optimized compilers for the MOVE framework, optimized the MOVE VLIW instruction scheduler, including long immediate support.
 - support for endianness independence, and integration with system-level co-design simulator.

- **Federal government Zuid-Holland**, The Hague, Netherlands (Jul 1998 - Jan 1999)
Programmer
 - programming Visual Basic applications for various departments of the federal government, including an automated system to handle, control and archive waste dump permits in the province.
- **TNO-FEL Research**, Scheveningen, Netherlands (Jul 1997 - Nov 1997)
Programmer
 - internship, designed and implemented a C compiler for the Move microprocessor based on modifying the gcc cross compiler.

Professional skills

- **Computer languages:** C / C++, Visual Basic, Fortran, HTML/PHP, Unix platform (apache, perl, sh, unixtools)
- **Databases:** DB2, Oracle, Postgres (administrative)
- **Computer environments:** Linux, FreeBSD, Solaris, DOS, Windows, Novell
- **Languages:** Dutch: native speaker

Education

- **Delft University of Technology** in Delft, Netherlands (1993-2001)
school of Electrical Engineering; major in Computer Engineering
 - **M.Sc. degree** in Electrical Engineering, May 11, 2001
Master's Thesis: *Enhancing the Move framework; Endianness port and Immediate handling*
Optimizations on the instruction scheduler for a VLIW-like custom build processor, including long immediate support, support for endianness independence, integration with a third-party system-level co-design simulator.
(<http://ce.et.tudelft.nl/MOVE/>)
 - **B.Sc. degree** in Electrical Engineering, March 11, 1998

Awards

- **President's Award:** United Devices 2006

Other activities

- **Staff member at distributed.net**
a large-scale distributed network of more than 100,000 computers worldwide.
Current and past responsibilities include: Coding on the server and client software, helpdesk member, administering servers for the distributed network, handling administrative network related issues such as DNS and mail. (<http://www.distributed.net/>)
- **Maitre d'** at Stadsherberg de Mol, Delft, Netherlands
'De Mol' is a medieval theme restaurant. Responsibilities include: Managing up to 6 waiters and a restaurant of up to 100 people.
- **Teacher Assistant:** Physics Lab assistant, teaching 100 freshman Physics students Electronics 101