

Overview:

Name: A. T. Kaper (Thijs)  
Date of birth: 23 June 1970  
Address / City: Koog aan de Zaan

Availability: 4 days a week, starting from 1<sup>st</sup> of January 2007.

Qualifications: Ing in Computer Science  
HTS Alkmaar, Netherlands, 1993

Languages: Dutch – native  
English – good

Profile: Experienced application developer with tendency to use practical solutions. Can quickly analyse and fix problems in the area of applications, software development and installation. Ability to quickly learn new programming languages, operating systems, development environments, and applications. Broad technical interest and knowledge. Experience with leading small technical teams. Since 03/2001 mainly working on Java / J2EE Web application's.

Skills / Ambitions:

- Senior Java / J2EE developer, experienced in using J2EE design patterns, Session Beans, Servlets, JSP, HTML, XML, open source framework Struts, and accessing databases (SQL/JDBC).
- Sparring partner when it comes to solve difficult technical problems / architectural issues.
- Team player, but also able to work as a one-man-team.
- Experience with working on very large projects, huge code bases, huge documentation sets. Using strict project standards.
- Experienced in using development tools, also developing useful tools to improve development / test cycle.

Career history: 01/2007 – current: Freelance IT Specialist / Application developer  
01/1999 – 12/2006: IBM Global Services, IT Specialist  
04/1995 – 12/1998: Data Sciences, IT Specialist  
09/1994 – 04/1995: MG-Engineering, Freelance IT Specialist

Achievements:

- Contributed to rebuilding / architectural renewal of ABN Internet Banking (Struts based).
- Design and building of the prototype product display client server environment "GreenScape".
- Designing and building a (Struts based) complex XML profile editor, with simple approval workflow.
- Design and build of a single-sign-on plugin for Apache / Siebel.
- Contributed in building (Struts based) Subscription agent website SwetsWise.com.
- Being the technical conscience (Technical Chief Designer / Technical Expert) on the huge mobile customer care system project for KPN GSM administration (Cobol based, on mainframe).

Skill / Knowledge Area Keywords:

- Programming languages: Java, C, SQL, Cobol, Pascal, Delphi, Basic, TAL, Machine languages, HTML, PHP, Shell/Batch Scripting, JavaScript, Perl.
- Databases: IBM DB2, MySQL, Tandem Non-Stop SQL, Interbase, MS-Access.
- Operating systems: Linux / Unix / AIX, MS-Windows, Tandem Guardian, MS-Dos.
- Platforms: PC's, (Compaq) Tandem Mainframe (Client/Server), Unix Machines, Micro-controllers.
- Internet / Intranet: Linux (installation + maintenance: DNS / MAIL / WEB / SSL / SSH / etc...), Apache Web server, IBM Web server, NT-Server, Microsoft Internet Information Server, CGI, PHP, ASP, HTML, Handwritten TCP/IP communication applications.
- J2EE Development: Websphere Application Developer (WSAD), Eclipse, Websphere Application Server (WAS), Struts, JSP, Servlets.  
Currently studying on usage of: JBoss Server, JBoss-SEAM, JSF, Facelets, Ajax, EJB3, Hibernate.

Training Summary:

## Technical Skill Trainings:

- 06/2005 J2EE Development with 1.4 Features Using WebSphere 6.0 (Rational Application Developer) [Classroom]
- 04/2005 Architectural Thinking Workshop [Classroom]
- 02/2005 Sun Java 1.4 Programmer Certification Training [Classroom]
- 05/2003 J2EE Design Patterns [Classroom]
- 06/2002 PERL 5: Fundamentals [Online]
- 06/2001 IBM Global Services Method (IGSM) Professionals Class [Classroom]
- 12/2000 Java Programming Fundamentals [Online]
- 1995 up to 2000 Many Tandem Courses [Classroom]

## Soft Skill Trainings:

- 06/2005 IBM AMSNL Client Focus for professionals [Classroom]
- 06/2003 IBM Improve Client Satisfaction [Online]
- 09/2002 Presenteren aan groepen (IT-Specialistenleergang) [Classroom]
- 06/2002 Adviesvaardigheden (IT-Specialistenleergang) [Classroom]
- 05/2002 Strategisch Onderhandelen (IT-Specialistenleergang) [Classroom]
- 03/2002 IBM Technical Case – (IT-Specialistenleergang) [Classroom]
- 11/2001 Personal & Customer Attitude (IT-Specialistenleergang) [Classroom]
- 10/2001 Project management (IT-Specialistenleergang) [Classroom]
- 03/2001 Samenwerken in Projectteams (IT-Specialistenleergang) [Classroom]
- 02/2001 IBM Outdoor (IT-Specialistenleergang) [Classroom]

Detailed Assignment history:

- Project:** 09/2006 – 12/2006: ABN Amro - BIB2 (Best Internet Bank, track 2) – Digital Invoice
- Role/Contribution:** J2EE Developer
- Keywords:** J2EE, Websphere (WSAD / WAS), Struts, Java, XML, AIX, Tridion, DB2
- Description:** Adding new functionality to the ABN Amro BIB2 internet banking application. Customers will get the option of receiving, viewing, and paying bills from within their internet banking environment. This will make handling of accept giro's easier for both the customer and bank. For this to function properly, the ABN system will communicate with a so called Billing Service Provider. This is a third party between the invoicing company (for example energy and telecom provider sending bills) and ABN.
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- Project:** 08/2004 – 08/2006: ABN Amro - BIB2 (Best Internet Bank, track 2)
- Role/Contribution:** J2EE Developer / Technical Team Lead of 1 of the 5 development teams, also involved in setting up framework.
- Keywords:** J2EE, Websphere (WSAD / WAS), Struts, Java, XML, AIX, Tridion, DB2
- Description:** Rebuilding the complete (BIB1) internet banking application for ABN Amro from scratch, using a newer version of Websphere, and using a new and better maintainable (struts based) architecture. Highly complex project, with many functionalities, and couplings to internal and external systems (mainframes, databases, security systems, content management system, mobile operators, external application service providers, and surfnet).  
Also involved in transferring application maintenance knowledge to India (TATA Consultancy Services (TCS)).
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- Project:** 06/2004 – 07/2004: IBM Internal - CITRuS - Contractor Invoicing, and Reporting System
- Role/Contribution:** "Use Case" reviewer, and creator of Class Model (design role).
- Keywords:** J2EE, Websphere (WSAD / WAS), DB2, Rational XDE
- Description:** Start-up and design phase of a web based registration tool for registering and handling contractor timesheets, assignments, and invoicing. Coupled with several external systems, like time registration tool (IBM claim), and other internal systems.
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- Project:** 03/2004 – 05/2004: IBM Retail Store Solutions - Sales Support (Ahold) – GreenScape
- Role/Contribution:** Full design and development of the client server architecture in use for the GreenScape prototype.
- Keywords:** Embedded PC, HTML, Java, Websphere Studio Application Developer (WSAD), Apache, PHP, MySQL, XML, WAP, WML
- Description:** Support IBM Sales for possible sale of approximately 17.500 small (10

inch) display screens as replacement of price tags in the vegetable department of Ahold (700 stores, with each 20 a 30 displays). We have built a prototype client server environment, which is capable of controlling which product, price, barcode, and other information must be shown on each of the screens. The screens itself will be produced by GDS, and contain a complete embedded PC running windows XP with wireless LAN to connect to the store networks. Control can be done from GSM WAP, wireless HTML capable devices, or PC's with a HTML browser.

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**Project:** 03/2004 – 05/2004: IBM Retail Store Solutions - Sales Support (Ahold) - LPOS  
**Role/Contribution:** Linux installation and technical support.  
**Keywords:** Linux, Suse SLRS/SLES, IBM IRES, LDAP, rsync, JavaPOS, IBM POS Hardware, VMware.  
**Description:** Install a demo environment with IRES (IBM Retail Environment for Suse Linux). This is a new flavour of Linux, for use in the retail world. It has a special architecture, in which a central server can determine what (linux) client images (operating system, drivers, and applications) will run on each Point Of Sale in the stores. Installation done both on real Point Of Sale hardware, and on virtual systems using VMware.

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**Project:** 09/2003 – 10/2003: Ahold (International Retail Chain) - SurePos - Technical Sales Support  
**Role/Contribution:** Linux installation and technical support.  
**Keywords:** Linux Redhat 7.3, Java, JPOS, Touch Screen, POS Printer, Displays, Keyboards, Magnetic Stripe Readers (MSR), barcode scanners, Cash Drawers.  
**Description:** Technical support for sales process for possible sale of 6000 Point Of Sale (POS) systems to Ahold. These POS systems were required to run on operating system Linux, and on top of that had to use a Java (JPOS) library for use of IBM and NCR POS equipment. During this timeslot given support to IBM Technical Sales. Installation of Linux, JPOS, drivers, test programs, kernel fixes. Customer support for customer re-installation of this full configuration. Design and construction of hardware adapter to attach non-IBM cash drawer.

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**Project:** 07/2003 – 02/2004: IBM Global Services - eHR  
**Role/Contribution:** J2EE Developer.  
**Keywords:** WSAD, Websphere, AIX, Java, Struts, XML, DB2  
**Description:** The e-HR self service team builds web applications for the IBM Human Resources organisation. 'About You' is a web application for employees and managers, with which HR dossiers (employee data) can be inspected and updated. 'About You' has been rolled out worldwide (in September 2001) within the IBM organisation, and serves as a uniform entry point for multiple HR systems running in different countries. 'About You' is highly flexible, and can be configured with

many different settings for all the different countries. The configuration is stored in XML profiles.

I have worked on designing and on development of a so called 'Profile Editor'. This is a special web application, with which the XML configuration files can be edited. The profile editor is developed using the Struts framework.

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**Project:** 06/2003 – 06/2003: Rabobank – CRM Siebel Single Sign On  
**Role/Contribution:** IT Specialist, PERL developer  
**Keywords:** AIX, Apache (IBM IHS) Web Server, Perl, LDAP, Rabobank RWA module, Rabobank RWA Login Server, Siebel  
**Description:** CRM at the Rabobank is primarily meant for the transition of a customer friendly but passive sales culture to a pro-active contracting sales style. This transition is needed because the number of “face-to-face” contacts of employees with customers has reduced. This makes it necessary to make better commercial use of the little contact moments there are left. Part of the Rabobank CRM program will be filled in with the roll out of Siebel, in which data from multiple systems will be brought together, to give a clear and uniform and coherent view of the customer data.  
My specific role on the project was coupling the Rabobank Web Authentication (RWA) 'Single-Sign-On' environment to the Siebel environment. To achieve this coupling, a special 'low-level' extension to the Siebel (IBM IHS / Apache) Web Server needed to be done. This extension consisted of a perl 'filter' module which translates the RWA information into Siebel Web Server Extension module Authentication information. Also I have built a module for support of performance testing with Siebel Single Sign On.

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**Project:** 03/2001 – 05/2003: Swets Blackwel / Swets & Zeitlinger (Subscription Agent) – SwetsWise.com (E-Commerce Enablement)  
**Role/Contribution:** J2EE Developer, Team Leading, Knowledge Transfer  
**Keywords:** Websphere, Visual Age for Java, Struts, HTML, AIX, RS6000, MQ/MQSI, DB2, Linux.  
**Description:** Swets is a subscription agent, mainly in use by academic, medical, company, and governmental libraries. Swets has offices in 21 countries, spread over 6 continents, has more than 250.000 publications online, and is working with approximately 60.000 customers and 65.000 publishers (note: these numbers were for the year 2003).  
Our task was building a web application (SwetsWise) to enable customers to manage their subscriptions, look at electronic publications, and find information on publishers. Also we have built a coupling with eProcurement systems, amongst which there is the well known Ariba network. And a credit card interface with the Bibit network.  
My role(s) – during release 1: J2EE Developer, temporary development team leader (3 months), and deputy team leader of maintenance team. Also responsible for transferring release 1 knowledge to the customer.

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During release 2: J2EE Developer, building and maintaining batch interfaces with the existing mainframe, and communication with the mainframe using IBM MQ Series.

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Project: 01/1999 – 03/2001: KPN Telecom - Mobile billing and Customer Care System (MCCS)  
Role/Contribution: Technical Expert / Technical Chief Designer / Team Leader: See project below (04/1995-12/1998)  
Keywords: PC, Tandem Mainframes, C, Cobol, SQL, Delphi, Intranet, HTML  
Description: See project below (04/1995-12/1998). Now “under IBM Flag”, instead of DataSciences.

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Project: 04/1995 – 12/1998: KPN Telecom - Mobile billing and Customer Care System (MCCS)  
Role/Contribution: Technical Expert / Technical Chief Designer / Team Leader: Giving technical support to project members. Providing (onetime) internal training of 12 new colleagues, giving multiple workshops / trainings. Responsible for application architecture and database design. Development and maintenance of internal detailed working hours registration software for reporting to the client and for internal management planning and tracking purposes. Development and maintenance of intranet web site for the project. Working on database and network migrations. Millennium (Y2K) analysis and migration. Guilder to Euro analysis and migration. Development and maintenance of Software Configuration Management System (tool for version control, change request and fault report management).  
Keywords: PC, Tandem Mainframes, C, Cobol, SQL, Delphi, Intranet, HTML  
Description: Application design, development, and maintenance of the "Mobile billing and Customer Care System (MCCS) for the GSM-network of PTT Telecom (nowadays known as KPN)". MCCS provides for a fully integrated on-line billing and customer care system for mobile phone subscribers. MCCS functions in a Tandem pathway environment. The design is based on a requester / server architecture for OLTP (OnLine Transaction Processing), and is mainly written in Cobol. The project consisted of approximately 85 DataScience employees, divided over 11 teams.

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Project: 09/1994 – 04/1995: MG Engineering – Ship Clock, and Mariphone / DSC Emulator  
Role/Contribution: Freelance programmer / hardware designer  
Keywords: Micro controller 8081, hardware design, I2C, assembler.  
Description: A customer of MG Engineering provides for the technical installation of ships, and education for use of those installations. Apart from building a Radar Simulator, MG Engineering has built a highly customizable ship clock (multi time zone time display), and a mariphone/dsc emulator.  
Project 1: Development of controller software for a complex ship clock

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on microcontroller basis. Used language was INTEL 8031 assembler code. All communication was done through I2C, and internal functioning was based on interrupt processing.

Project 2: Complete hardware design of a mariphone/dsc emulator.

This can be compared to a PC controlled phone switchboard, where all users apart from a headset with microphone also have a LCD display and mariphone keyboard.