

Curriculum Vitae

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If you find any need to contact referenced entities other than those mentioned and cited with contact information in the bibliography please contact me.

This CV is confidential, and may not be given to others than the intended audience.

The short Edition

- Born and raised in Struer
 - Mathematical student from Struer Gymnasium
 - Bsc. in computer science from University of Copenhagen
 - Sun Certified Java Developer
 - Currently Developer/Consultant at Netcompany A/S[?]
 - Former Consultant, programmer, sys.adm. and net-op in catpipe ApS[?] from 2003 to 2007
 - Owner and CTO of the person enterprise Clique Consulting I/S since March 2005, specializing in knowledge/know-how consultancy for large projects with customers like The Danish National broadcasting company, DR and Bang and Olufsen.
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1 Education

A quick overview of my education.

1.1 Certifications

As a part of my work at Netcompany we are encouraged to take certifications and other ad hoc education.

Sun Certified Java Programmer

Based the very basics of Java 5 language and VM.

Passed spring 2008, 84% correct.

Sun Certified Business Component Developer

Based on the Enterprise Java Beans 3.0 specification including persistence.

Ongoing. Exam november 2008.

CERN

CERN is th world's largest particle physics laboratory and the place where the World Wide Web was born.

During the summer 2006 I attended the CERN summerschool programme. I spent 11 weeks in the IT-department of CERN in the IT-DES-SIS department¹.

Reference: [Juan Manuel Guijarro](#). A written recommendation from J.M. Guijarro is available upon request to [me](#).

University of Copenhagen - Cand.Scient, Computer Science

Currently ongoing as spare time, work relevancy updates.

IT projectmanagement

Internet based course on IT Projectmanagement. Finished January 2009.

IT Strategy

Internet based course on IT Strategy in a business view. Finished January 2009.

¹Datebase and Engineering Services Group. System Infrastructue Services

University of Copenhagen Bsc., Computer Science

Enrolled 2003 at the department of Computer Science, DIKU. Bsc. Computer Science January 2007. A class overview with grades is enclosed.

My main area of interest in all my non-mandatory classes have been in the research group “Theory and usage for programming languages”².

The title of my bachelor thesis was “Automated discovery of format support” authored by me and Sune Juel Jensen. The thesis was supervised by Jakob Grue Simonsen and Niels H. Christensen.

Struer Gymnasium og HF

Mathematical student from August 1999 to 2002. 9.7 average.

Venø Efterskole

10th grade, Music and drama line. 1998/1999.

Søndbjerg Ungdomsskole

8th and 9th grade. 1996/1997 and 1997/1998.

Resen skole

Elementary School.

2 Work Experience

This section is structured with the general aspects of my experience first and then description of some actual projects during employment.

Summary

My experience lies within the overlapping fields of smart systemadministration and maintenance, databases, networking layout and administration and programming on high and low levels.

²TOPPS, teori og praksis i programmeringsSprog

My interest lies in the early parts of development and IT projects. The analysis of possibilities, prototyping and research.

Programming

I have used the following programming/markup languages and paradigms

- Java and Object Oriented Design
- Perl for most of my system administration tasks, ie. logparsing etc.
- C++, for different university classes including a graphics project.
- Stored Procedures, and DDL for PostgreSQL in pl/pgsql and pl/c
- C, during development on network traffic logging, and during university classes.
- ML in the MoscowML implementation
- short C#/.NET seminar.
- PHP
- Delphi
- Vbscript for ASP development
- Visual Basic

Apart from these languages that I have written actual programs in, I have a flair for programming languages that gives me complete confidence in my ability to pick up and use any programming language for the job. Especially if it is the right tool for the job in the most efficient manner.

As mentioned in the education part I have some theoretical education with types and programming languages, including parsers and compilers.

Project experience / Consulting

I've been a consultant since 2003, and have spent quite some time in denmark at different companies, with different Project Management Methodologies

I've been a participant in:

- Scrum style teams
- Swimlane planning and releases
- Ad-hoc

Networking

My work at catpipe Systems [?] have introduced me to different aspects of networking and network management. This is more thoroughly described and explained in the section "catpipe Systems Aps".

My interests and experiences lie within:

- Network traffic and flow monitoring, logging and accounting
- Failover-solutions mostly based on the OpenBSD implementation of a virtual redundant router protocol ³
- Routing and firewall in the most pragmatic sense available⁴
- Intelligent monitoring of services and servers⁵

System administration

I have used and administrated

- MS Dos 5 and 6
- Microsoft Windows

My windows experience is centered around simple management of shares and logins. I have superuser proficiencies with the common Microsoft software, like Microsoft Office and the like. Before Microsoft Office I was a proficient Wordperfect (On MS DOS) user.

- Windows Xp
- Windows 2000
- Windows NT 4
- Windows 95 and 98
- Windows 3.11 (on top of MS DOS)

- Open Source “Unix”
 - FreeBSD, 4 years work experience, and the OS I currently use on my workstation and laptop. (Since FreeBSD 4.2).
 - OpenBSD
 - Linux
 - * RedHat
 - * SuSe Enterprise
 - As a part of assignments for the Danish Joint Hospitals and Novo Nordic IT
 - * Debian

³carp with pfsync the packetfilter firewall(pf)

⁴Example: Institute of geography and geology uses a firewall setup created and partly maintained by me.

⁵Via the product D-Mon at catpipe Systems[?]. <http://www.d-mon.net>

Netcompany A/S

I am currently employed by Netcompany - IT and business consulting[?], and have been since fall 2007. This was my first experience with a bigger company, and my first interaction with other larger consulting companies like CSC, Siemens SBS and Cap Gemini. I've have been stationed in "SI Production Support" at PFA, a danish pension company. SI is the ESB currently in use at PFA in their SOA architecture and it has been developed onsite since 2002.

My work consists of:

Any issues with code running in production. Diagnosing, troubleshooting and fixes. My reputation is that I am able to triage, solve and any pathology/causefinding for even the most difficult issues.

Monitoring and analysis of the running system, like RTT for messages, memory usage.

Some education of new memebers of our team and team leading like planning of shifts, delegation of assignments.

catpipe Systems ApS

I was employed at catpipe Systems[?] from summer 2003 to fall 2007 and during my employment I have gathered a great deal of experience which can be summerized by the following main projects:

newsntp

A project for redesigning the whole front mail system at NNIT[?], in which I was 33% of the development and design team for both management software and system-design. The setup includes 11 physical machines, and offers two layers of forwarding of mail between inside mailservers and the internet. Scanning of mails for virus and spam and a great deal of customizability. Currently this project is in testing and is soon to be deployed

Apart from that I am second in line of command if there is a problem with the mailsystem currently in production. This has given me the opportunity to see and follow a "real" mailsystem with all it is quircks and knops which need twiddeling.

ISP

I am main responsible for the design, implementation and maintainence of all of our hosting. I am currently migrating all of our customers to my newly designed and developed hosting platform. Based on scalability and easy integration between invoicing and management features for our administration.

“**packet-mon**” The danish school of journalists needed logging of their network traffic to be able to aide the government with possible illegal activities originating from their internal network. I managed the project, did the analysis and implemented it, to the customer’s great satisfaction. Based on the loggede data I implemented a filter for their dhcp server to be able to deny internet access to unknown users. All packets (aggreagated over a minute) is logged to a big sql-database from which we do analysis and visualization of the data.

If you’d like more examples of the consulting work I did at catpipe, feel free to contact me.

3 Social

In the really sparse time after work I enjoy sailing and spend alot of time on sailing contests in the eastern part of Denmark.

Apart from that I enjoy workout, music (listening and playing) and all the books I can get my hands on that are not books for work.

Bibliography

- [1] Netcompany A/S
Grønning 19, 1. DK-1405 Copenhagen K
<http://www.netcompany.com>
Employed November 2007

- [2] catpipe Systems ApS
Snaregade 12, 3.tv. DK-1362 Copenhagen K
<http://www.catpipe.net>
info@catpipe.net
Tlf.: +45 70 21 00 50
Employed August 2003

- [3] Prima
The Perl widget toolkit. <http://prima.eu.org>

- [4] Novo Nordisk IT
The spinoff from Novo-nordisk’s large internal IT department.