

# CV - Peter Mechlenborg

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## Work Experience

- **Trifork A/S** Aarhus, DK  
*Software Developer* *April 2012 - Present*
  - Design and implementation in the back-end team for the National Danish Medicine Card. Focus on Java enterprise development and Riak specific data modeling and development.
- **Actua ApS** Aarhus, DK  
*Software Developer, Consultant* *Oct 2008 - Marts 2012*
  - Design, implementation, and analysis on top of a data warehouse system for a wireless broadband operator.
  - Documentation and proof-of-concept implementation of an architecture for secure communication between distributed energy resources. The project was conducted under ForskEL (see also [www.second1.dk](http://www.second1.dk)).
  - Canvas sale on a internal project to relaunch a product for rapid near-infrared spectroscopy inside production lines.
  - Design and implementation of a Nagios based server and network monitoring system for a wireless broadband operator.
- **Mu ApS** Aarhus, DK  
*Software Developer and Team lead* *Jan 2007 - Sep 2008*
  - Tech. lead on the back-end of an algorithmic trading system. The system was being developed for a London based customer in the financial sector.
  - Team lead on the new Aarhus office, responsible for communication and coordination between Aarhus and Copenhagen.
- **Mu ApS** Copenhagen, DK  
*Software Developer* *May 2006 - jan 2007*
  - Software developer on an algorithmic trading system. Developed for a London based customer in the financial sector.
  - Software developer on an algorithmic trading system for on-line betting.
- **DAIMI, CPN group** Aarhus, DK  
*Student Programmer* *2004 - 2005*
  - Back-end programmer on CPN-Tools (IDE for Coloured Petri Nets).

## Education

- **DAIMI, University of Aarhus**  
*Master's degree in Computer Science* *Sep. 1999 - April. 2006*
  - Master Thesis: Language Interoperability on Object-Oriented Virtual Machines
- **Internship, University of Bordeaux**  
*Programming language group under Charles Consel* *3 months in 2005*
  - Part of a project to develop a domain specific language for controlling tele-communication using the Session Initiation Protocol (SIP)

## Skills

**Languages:** Erlang, Java, JavaScript, Python, PostgreSQL, Common Lisp, R, SML, OCaml, C, and Scheme. (Listed after decreasing experience).

**Operating Systems:** Linux, Solaris.

**Protocols:** X.509 Certificates, SNMP, TCP/IP.

**Project Management:** Some experience with agile teams of 1 to 4 persons.

**Methodology:** Scrum, Kanban, Lean.

**Miscellaneous:** Short term experience with canvas sale.

## Certifications

- **Scrum Master** Stora Nyteboda, SE  
5 days at Camp Scrum (<http://campscrum.com>) Oct. 2007

## Publications and Presentations

”Flexible Language Interoperability”, *The Journal of Object Technology*, Volume 6, no. 8, Sep. 2007

**Erlang**, presented a talk on Erlang at *Softwareudvikling-på-tværs, Teknologisk Institut*, in Dec. 2007 as well as in various cities around Denmark for IDA ([www.ida.dk](http://www.ida.dk)).

## Hobbies and Interests

- Handball - since I was a teenager and for a couple of years semi-professional.
- Kayaking - started a couple of years ago.
- Running - on/off my whole life.
- Computer gaming - since i was a teenager.
- Reading fantasy novels - from the 10th grade and still...