

# Anders Selander

## Qualifications Summary

- Experienced Systems Administrator, primarily of Linux clusters, \*nix servers, F5 BigIP load-balancers, SAN storage, and Content Delivery Networks (CDNs).
- Skilled in imperative/objective-oriented (assembler, C, C++, Java, Pascal, Perl, Python, Ruby, tcl), functional (Erlang/OTP, Haskell, LISP, ML, OCaml), and relational (Prolog) programming, enabling me to easily switch to new languages. Most fond of—and fluent in—high-level languages such as Ruby, Perl, and Python. Due to F5's iRules, tcl has bloomed lately and the longer I work as a sys-admin, the more I use bash for virtually anything.
- Strong communication skills, especially in writing (minutes, reports, papers, guides, tutorials, etc).
- Seasoned support expert, in local, national-wide, as well as international settings.
- Pedagogical skills, useful in support work and for inter-team projects (for instance involving Legal and Finance departments).
- Experienced in day-to-day dealings with Indian Offshore team.

## Experience

April 2009 - present *Senior Infrastructure Engineer*

**Unibet**, Stockholm, Sweden

Converted a non-trivial F5 BigIP load-balancer set-up in front of very stateful applications to an Nginx set-up with both custom health checks and memoryless stickiness. Led general reviews of our current and possible future external CDN, DNS, and SSL certificate vendors as well as the consequential contract acquisitions, re-negotiations, and cancellations and the thereby necessitated service migrations. Am increasingly versed in the Pre-study, Design, (POC,) Project Plan, Business Case, Project Execution, and Hand-over to Operations cycle (I realise that different companies associate different content to these labels, but the general principle must be the same). By know well experienced in dealing day-to-day with our Indian Offshore Operations Team. Responsible for coordinating the load-balancer and storage teams efforts within the Full Platform Roll-out project. Both called upon to mitigate blocks of our sites as well as manifest blocks when it is in our interest. Primary responsible for operating and maintaining the multi-site- spanning Hitachi SAN including disaster recovery replication (VSP, USP-VM, HUS-VM, HUS-1\*0:es, AMS2\*00es, Cisco and Brocade SAN-switches), test and production environment load-balancers (F5 Viprion and BigIP, Nginx, HAProxy), third party Content Delivery Network set-ups (Akamai, Limelight, CDNetworks) and managing SSL certificates. Secondary responsible for maintaining the Solaris and Linux servers - both physical and virtual (VMWare, Proxmox/kvm), maintaining the DNSes, etc.

June 2008 - April 2009 *Systems Administrator*

**Diino AB**, Stockholm, Sweden

Operating, monitoring, and maintaining Unix and Linux systems, databases, networks, storage infrastructure, and high-availability solutions. Involved in the ever ongoing development, refinement, and optimization of the integrated infrastructure. Regularly providing on-call, out-of-hours emergency cover of all systems. Task owner of the monitoring of the new system and disaster recovery backups of both the new and the legacy systems.

Aug 2001 - June 2008 *Programmer, Systems Engineer, Systems Manager*

**Royal Institute of Technology, Centre of Parallel Computing**, Stockholm, Sweden

Responsible for the hard- and software infrastructure for the fifth International Summer School on Grid Computing, which PDC hosted at the Red Cross Centre in Mariefred in July 2007. Deputy Manager and Support Expert of the Regional Operational Centre for Northern Europe (Nordic, Baltic, and BeNeLux countries) within the European EGEE grid project. System manager of the local EGEE/LCG grid-cluster. Regularly responsible, a week at a time, for the handling of all to PDC incoming user support requests (creating accounts, debugging faulty programs, installing software, monitoring schedulers and clusters, etc). Maintained DB2 and RasDaMan databases of brain scans. Implemented, using ODBC and CORBA, a database interface enabling client applications to be written in C, Java, Perl, and Ruby. Designed a web-interface for use of the database. Re-targeted the web-interface to the later deployed PostgreSQL database.

Oct 2000 - Jul 2001 *Open Systems Consultant*

**Raditex AB**, Nacka, Sweden

*Consulting:*

Mar 2001 - Jun 2001, **Ericsson Telecom AB**, Stockholm, Sweden

Recreated, pinpointed, and remedied reported faults within the Erlang parts of the ENGINE Access Ramp system.

Nov 2000 - Feb 2001, **Ascom-Tateco**, Gothenburg, Sweden

Customised a solution, based on Ascom's embedded Linux system for communication with DECT telephones and pagers, for one of Ascom's customers.

*Course Instructing:*

Nov 2000, **Volvo**, Gothenburg, Sweden

Held a course in introductory C-programming.

Feb 2000 - Sep 2000 *Technical Developer*

**Virtutech AB**, Stockholm, Sweden

Renovated two corporate websites, i.e., given a design layout and the texts, formed maintainable, CVS:ed, SSI:ed hierarchies of valid HTML 4.0 and Perl CGI:s. Integrated a third part credit card processing solution with the Virtutech web store and wrote the backend for automatic logging and error handling of received orders, and on-the-fly generation and email delivery of purchased licenses to web shoppers. Etc.

Aug 1999 - Jan 2000 *Master's Project Worker*

**Ericsson Utvecklings AB**, Älvsjö, Sweden

Investigated and implemented optimizations such as function inlining in the compiler of the Erlang programming language.

Jun 1997 - Jul 1999 *Teaching Assistant*

**Umeå University, Department of Computing Science**, Umeå, Sweden

Tutored students and graded exercises in the courses Programming Methodology (Programmeringsmetodik A, 8p), Computer Science (Datavetenskap A, 20p), Programming Language Concepts (Programspråksteori B, 5p), Object Oriented Software (Objektorienterad programvaruutveckling C, 5p), and Operating Systems (Operativsystem C, 5p).

## Education

Aug 1993 - Jan 2000

**Master's programme in Computing Science and Engineering**, Umeå University, Umeå, Sweden (civilingenjörsprogrammet i teknisk datavetenskap).

Majoring in Software Engineering. Minorng in Parallel Computing. Only one Master's Thesis Project report short of a degree.

Aug 1990 - Jun 1993

**Senior Secondary School**, Östra gymnasiet, Umeå, Sweden.

Course Programme: Natural Sciences, profiling in Computer Orientation.

## Language Proficiency

Swedish (native), English (fluent), German (intermediate, but always improving thanks to my German wife).

## Recreation

Play with the kids, reading books (alternating fiction with non-fiction), exercise for health, juggle, cook, travel, and visit historical sights.