Rune F. Skardhamar

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Summary

Senior software architect/engineer with over fifteen years of professional experience. Primary experience in database design and integration; Java and C/C++ development on Unix and Microsoft Windows platforms; web development (LAMP)

Experience

June 2009–
Present

Prediction Institute, http://predictioninstitute.com

Part-owner

The start-up Prediction Institute has developed a statistical method that helps suppliers (e.g. media publishers) with a large amount of external outlets to attain a more optimized and less wasteful approximation of the number of items (e.g. publications) delivered to each outlet. I have handled all the technical implementation, architecture, design and implementation, of the solution. The product is based on a number of services and utilizes a wide range of tools for the back- and frontend.

- Configured Amazon Cloud (EC2, S3, etc.) and installed Linux (RedHat) and server applications (PHP, Apache, MySQL, SCons, Doxygen, etc.)
- Created company homepage (XHTML5, CSS, Javascript, jQuery, PHP, Ajax, JSON, Adobe Illustrator/Photoshop/BrowserLab, Twitter Rest, Facebook, oAuth)
- Created online user interface to statistical engine and graphing modules (XHTML5, CSS, Javascript, jQuery, PHP, Ajax, XML, JSON)
- Refactored and optimized database (MySQL, MySQL Workbench)
- Ported complex statistical engine and algorithms from Perl to C++ (STL, Boost, Multithreading, Perl, etc.)
- Set-up unit testing environment (Boost)
- User & Technical documentation + training material (MS Word, Doxygen, etc.)

June 2011–
Present

DNA/Seed, http://seed.dk

Consultant

Implementation of webshop for the company Seed after design supplied by DNA. Webshop is based on OpenCart, backend in Navision, payment integration to ePay. (not yet live)

Technologies: (X)HTML+5, CSS, JavaScript, jQuery, Ajax, OpenCart, Linux Debian, MySQL

August 2010–

ZenConsulting

Present	Part-owner Together with a partner we provide project and outsourcing management to our partners in mainland China.
September 2010–January 2011	**SDC**, http://www.skandinaviskdatacenter.dk Consultant Skandinavisk Data Center (SDC) is an IT-center providing all-round service for small and medium-sized financial institutions in Scandinavia. My position at SDC was to develop new features requested by the financial institutions (the customers) and tailor the changes to their needs. Technologies: J2EE, Portlets, Eclipse, Javascript, XML, Apache Velocity, Apache Maven, AllFusion Harvest, Subcersion, proprietary content management system, Windows, Linux, DB2
July 2010–August 2010	**Atkins / Heritage Agency of Denmark,** http://www.kulturarv.dk Consultant Atkins has a contract with Heritage Agency of Denmark (Kulturarvsstyrelsen) for a website to register and display listed buildings. The role was with special emphasis on cross browser compatibility and content accessibility (WCAG AA) compliance as required by public institutions. Included was also preparing and publishing content to the site and implementing and running an internal Wiki-documentation system and mentoring coworkers in W3C compliant code. Technologies: XHTML, CSS, JavaScript, jQuery, Ajax, J2EE, Eclipse, Adobe Illustrator/Photoshop/Acrobat/BrowserLab, Windows, Linux, PostgreSQL
October 2009–July 2010	**Callme/Telia**, http://www.callme.dk Consultant, technical project manager Call me needed a new Web 2.0 / social media presence. I was contracted to drive this process. In addition I have worked with Web/Mobile projects directed towards specific marketing strategies, e.g. Call jorden rundt. The tasks included programming and setting up the sites, providing content and setting up content management systems to allow other non-technical persons to manage content. In addition SEO and Google Analytics tools were very important elements to take into consideration when designing and optimizing the site. Technologies: PHP, XHTML/XHTML-MP/HTML5, CSS, JavaScript, jQuery, Ajax, FaceBook, Twitter, delicious.com, Adobe Flash/Illustrator/Photoshop/BroserLab/Acrobat, Google Analytics, Linux Redhat, Windows, Mac OS X, MySQL
May 2009–July 2009	**Sirius Cybernetics Corporation**, http://apps.facebook.com/europavalg (no longer live) Developer VoteMeter is a FaceBook/Twitter application I made for the July 2009 EU election. The application enabled voters to answer a few (25) questions and compare the answer with the candidate to see which candidate were closed to their own views. The application also provides for a candidate profile, which the candidates can service themselves, as well as discussion boards, and a number of information pages, including a statistics section with

some fairly surprising results.

Technologies: FBML, FBJS, PHP, HTML, CSS, Apache, Adobe Photoshop/Illustrator, Twitter, MacOS X, Linux Debian, MySQL

September 2008–
July 2009

Sirius Cybernetics Corporation, http://beeqube.com
Developer

beeqube is a social bookmarking site. beeqube is a tool that help users collect and categorize information from a variety of sources across the Internet and enable other people to slice, cut and recombine into information streams that precisely match their interests. Tailored feed streams can be subscribed and fed to a wide range of different destinations; RSS, webpages, blogs, Facebook, Twitter, desktop gadgets/widgets, etc.

The site is based on PHP/HTML/CSS/JavaScript with a dash of background Java and Shell Scripts servicing. FBML/FBJS/FBQL for Facebook interface, rest calls for Twitter. The database is currently MySql. The Webserver Apache and the host a Debian. The graphics (as is) Photoshop and Illustrator.

Technologies: PHP, HTML, CSS, JavaScript, XML, Apache, Apple Dashcode, Adobe Photoshop, Adobe Illustrator, Yahoo Widgets (Konfabulator), Apple Dashboard Widgets, Microsoft Gadgets, Web Widgets, Ajax/JSON, FBML (Facebook), Twitter, MacOS X, MS Windows, Linux Debian, MySQL.

April 2006–
September 2008

Nokia, http://nokia.com
Consultant

Nokia had at the time an intranet of ten development centers on three continents, sharing and contributing on the same – exponentially growing – terabytes data sources. My team, designed, developed and serviced the internal software package and network, which distributes the data and ensures that all centers has constant and immediate access to all data sources. As well as trained personal and handled customer contact.

The system is based on a mix of Perl, Shell Scritps, PHP and Java with a PostgreSQL backend database and runs on a assortment of Unix systems. The next version which I helped start up was based on Ruby on Rails.

Technologies: Java, Perl, Apache, Linux, Windows, PostgreSQL

February 2006–
April 2006

KMD / Danish Agency for Governmetal Management
Consultant

The Danish ministry Agency for Governmental Management (Økonomistyrelsen) needed to upgrade their portal (http://kup.oes.dk/SabaWeb. Requires login) handling course and competence material for Danish state employees. The work was contracted to the consultancy bureau KMD, which hired me to drive the upgrade.

The portal is based on a SABA installation. The modifications programmed in JSP on a JBoss/Tomcat application server.

Technologies: Java, JSP, HTML/CSS/Javascript, JBoss/Tomcat, Eclipse, MS IIS, SABA,

XML/XSLT, Windows, MS SQL Server

April 2004–January 2006	**Zip-Data/DistributionsService** Snr. Developer

ZIP-Data is the largest Danish provider of automated bulk posts. My position was to ensure constant uptime for their array of processing, packing and printing units. And to program new interface and administration modules.
New development was in Java, existing source in C & Delphi.

Technologies: Java, C, Delphi, Windows, UNIX, Novell

2004–2006	**Freke** Consultant

The client Freke wanted an automated image hosting web site. My job was to design and program a web crawler to automatically track down (web + news groups), tag and categorise relevant images and provide for a user interface to search and browse in located images, as well as for the administration module.

Website is programmed in PHP/Mysql/Apache running on a Linux installation and using a MySql database. Development was done on a Linux box.

Technologies: Java, SQL, PHP, MySQL, Apache, HTML, JavaScript, Linux, OSX

2001–2003	**ErgoIDP** Software developer

Projects: Open2; Mailsystem for Large Volume Mailers; eMessenger; Electronic mail switch; PCePost

Technologies: Java (JDeveloper), J2EE (OC4J), C / C++, SQL, XML, XSLT, UNIX, Windows, Oracle database.

2000 (4 mnt.)	**KGF** (insurance) Consultant

Projects: Development of internal police system; Year 2000 tasks

Technologies: C, SQL, Shell Scripts, UNIX (Solaris), Windows, Sybase

1999 (9 mnt.)	**SAS** (airline) Consultant

Projects: Development of crew booking and scheduling system

Technologies: C, SQL, UNIX (Solaris, X-Windows), Oracle database

| 1998 (6 mnt.) | **Told&Skat (IRS)** |
| | Consultant |

Projects: New datawarehouse for import transactions (C/C++, SQL, Unix (AIX), Sybase); Electronic documentation environment (Visual Basic, Windows)

| 1997 (7 mnt.) | **KGF** (Insurance) |
| | Consultant |

Projects: Automatic system for generation of test data; Development of internal police system

Technologies: C, SQL, Shell Scripts, UNIX (Solaris), Windows, Sybase

| 1994-1997 | **SQL DK** |
| | Software developer |

Projects: Development of booking system for ARTE (Theatre and music venue booking company); project leader, design and development of booking system for Politiken (Newspaper); Windows NT education for P&T (Danish Postal Service); Database design and MS SQL Server optimization for EG-Data; Damgaard XAL certification; Windowsn NT Solution Provider certification

Technologies: C / C++, SQL, SQR, Shell Scripts, SED, AWK, etc. UNIX (Solaris), Windows 3.11/95/NT, Sybase, Oracle, MS SQL Server, MS Access

| 1993-1994 | Authored "Virus; Detection and Elimination" for AP Professional. |

Education

| 1991-1994 | DIKU (Institute of Computing Copenhagen University) |
| 1987-1990 | Katedralskolen Aalborg, Bagsværd Kostskole og Gymnasium (College) |

Courses

Oracle JDeveloper, OC4J
Damgaard XAL

Personal

DOB	21 August 1968
Family	2 kids
Languages	Danish, English: fluent
	Norwegian: Understand
	Russian, German, French : some
Interests / pastimes	Family, travelling, reading, sailing
Miscellaneous	Driving license. Yacht/VHF certificate

Skills

Programming	Years experience	Knowledge	Last used
Java	8	H	2011
C/C++	13	H	2006
SQL	12	H	2011
PHP	5	H	2011
Java Script (incl. jQuery, Ajax)	4	H	2011
(X)HTML(+5)/CSS	7	H	2011
FBML/FBJS/FBQL (Facebook)	2	M	2010
Perl	3	M	2011
JSP	3	M	2011
Shell Scripts/Sed/Awk/etc.	10	H	2011
Visual Basic	4	M	2005
Assembler (8086)	2	L	1994
Pascal (+Delphi)	2	L	2006
ASP	1	L	2003
SQR	2	L	1996

Databases, development	Years experience	Knowledge	Last used
MySQL	6	H	2011
PostgreSQL	3	H	2011
Sybase	7	H	2001
Oracle	4	H	2006
MS SQL Server	2	M	2006
MS Access	1	L	1998

Data formats

	Years experience	Knowledge	Last used
XML/XSLT	6	H	2011
JSON	4	H	2011

OS's

	Years experience	Knowledge	Last used
Unix (Aix, Solaris, Linux, OSX, etc.)	12	H	2011
Windows NT/2000/XP/Vista/7	12	H	2011
Windows 95/98/ME	5	M	2003
Mac OS9/OSX	4	M	2011
BeOS	1	L	2000
DOS	1	L	1994

Other tools and methods

	Years experience	Knowledge	Last used
OOA/OOD	6	H	2011
Scrum/Agile development	4	H	2011
Amazon Cloud (aws)	2	M	2011
Google Analytics	2	M	2011
Apple Dashcode, Konfabulator engine	1	M	2009
Wikipedias	4	H	2011
Adobe Photoshop, Illustrator	5	H	2011
Adobe Browserlab	2	H	2011
MS Office	12	H	2011
Apache	4	M	2011
Eclipse	2	M	2011
oAuth	1	M	2011
Facebook	3	M	2011
Twitter	3	M	2011
MySQLWorkbench	1	M	2011
ErWin	2	L	1998
System Architect	2	L	1998
Cast Workbench	1	L	1997
S Designer	1	L	1997

phpMyAdmin	2	M	2011
Oracle JDeveloper	1	M	2003
Borland JBuilder	1	M	2002
Subversion	3	H	2011
SCons	1	M	2011
PVCS	3	M	2003
Dreamweaver, GoLive	2	M	2003
Saba	1	L	2006

Certifications

Windows NT
Damgaard XAL

Experience

Development	12	H	2011
Architecture/Design	7	H	2011
Project leader	5	M	2011
Technical Writer	2	M	2011
Education & Training	2	M	2011
Tester	2	M	2011
Content provider/management	4	M	2011