Øyvind Skaar

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http://skaarsolutions.com
LinkedIn

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EXPERIENCE

IT-Consultant and freelancer, Skaar Solutions
Skaar Solutions c/o MESH , Tordenskiolds gate 3, 0160 Oslo

May 2014 »
Present

Design and build complex, scalable and fast back-end systems from the ground up. Typical clients are startups and others building something new. Preferred technologies are Go and the Google Cloud Platform.

Projects: oyvindsk.com/hire-me
and http://www.skaarsolutions.com/projects-and-customers/

Keywords: Backend architecture, Cloud computing, Programming, Linux & Open Source.
Technologies: Go (golang), Google Cloud Platform (GCP), Perl, Python, App Engine, Docker, Linux, MySQL, Postgresql, Nginx, Apache, Redis, NSQ

Software developer and system administrator
Opoint AS, Akersgata 28, Oslo

September 2010 » May
2014

Planning, designing and developing internal and external systems, mainly in Perl and PHP with MySQL and Redis backends. System administrator related tasks, such as implementing and maintaining mail and backup solutions. Managing technical, and some non-technical, aspects of successful external projects.
Key technologies: Perl, PHP, Linux, MySQL, XML, XSLT, C

Software developer and system administrator, part-time
Opoint AS, Akersgata 28, Oslo

October 2005 » August
2010

IT-assistant, part-time
Kristelig Gymnasium, Homansbakken 2, Oslo

2004 »
2005

Configured and maintained desktop computers. Provided technical support for employees.
Key technologies: Windows, Office, Novell NetWare, Norton Ghost, NDIS drivers and several other applications.

"IKT" intern
Norges Idrettshøgskole, Sognsveien 220, Oslo

September 2001 » July
2003

Configured and maintained desktop computers, network (Cisco), thin clients and servers (Windows 2000 and legacy unix systems). Provided technical support for employees and students.

EDUCATION

Master of Science
in Informatics
University of Oslo and University Graduate Center (UNIK)

January 2008 » June
2010

Thesis: *"The potential of Trusted Computing for Strengthening Security in Massively Multiplayer Online Games"* https://www.duo.uio.no/handle/10852/8732

Security related courses: cryptography, operating system security, software security, security in distributed systems.
Other: communications protocols and routing, open source software development with Java frameworks, distributed systems and interactive websites.

Bachelor of Science in Informatics
University of Oslo

August 2004 » June
2007

Software development: Java, python, php, c, c++, fortran, assembly.
Other: databases, computer architecture, tcp/ip, systems development, logic and computability, algorithms and data structures, mathematics, media and communication (computer games, multimodal web-design), human–computer interaction, xml and xlst etc.

- **"Organized Crime in Virtual Worlds: How to Get your own Syndicate"**
  Shortpaper and presentation at Nordsec 2009, the 14th Nordic conference on
  secure IT systems.
  http://nordsec2009.unik.no

- **"Organized Crime in Virtual Worlds"**
  Academic Forum on Security, November 2009
  http://wiki.unik.no/index.php/Infosec/Meeting200911

- **"Online Games Security with Trusted Computing"**
  Academic Forum on Security, March 2009
  http://wiki.unik.no/index.php/Infosec/Meeting200903

**VOLUNTARY
WORK**

"Webkompaniet",
Second-in-command

Storsalen church
http://storsalen.no/tjenester/tjeneste.php?node=1780

May 2009 » February
2013

"Webkompaniet" creates and maintains external and internal web sites and
applications to facilitate day-to-day tasks for employees, members and visitors. I
wrote PHP code, installed and maintained servers and services.
Key technologies: PHP, HTML, Postgresql, Linux, Apache, Postfix, Samba, Perl,
Windows, Microsoft Office, OpenOffice.org

TECHNICAL SKILLS

**Programming
languages:**

- Go
- Perl
- Python
- PHP
- Ruby
- C
- Assembly

Cloud:

- Google Cloud Platform:
  - App engine Standard (PaaS)
    - Go
    - Python
  - Cloud Storage (inc. signed urls)
  - Datastore
  - Compute Engine (IaaS)
  - (App Engine Flexible - Beta)
- Digital Ocean (Iaas, running
  Docker)
- Zetta.io (Norwegian IaaS, running
  Docker)

Databases:

- Google
  Datastore
- Postgresql
- MySQL
- Redis
- (CouchDB)

Server daemons:

- Nginx
- NSQ
- Apache
- lighttpd
- perlbal
- nagios
- exim
- postfix
- rsync
- rdiff-backup

Operating systems:

- Linux
- OpenBSD
- FreeBSD
- Windows

Other:

- Docker
- Git
- XML
- XSLT
- Lotus Notes
- Subversion
- Mercurial
- vim
- gimp
- inkscape

LANGUAGES

- **Norwegian:** Native
- **English:** Listening, reading and writing: proficient. Speaking: good.