

Curriculum Vitae

2020/03/20

Torkel Nyberg

Senior IT-architect, analyst *and* developer with a business and problem solving focus. M.Sc. M.E.



Contact

Email: torkel@sifferkoll.se

Tel: +46 707 961127

Web: www.sifferkoll.se

Adress:

Kungsholms kyrkoplan 4,
S11224, Stockholm, Sweden

Profile

Independent consultant available for assignments within the following areas:

Senior IT-architect, Developer & DevOp. Preferably in Unix/OpenVMS & open source environments. Extensive experience working on large legacy systems with algorithm development (incl. machine learning), complex data structures and databases. Comfortable working in all levels of an organization; from management and business strategy to getting things done on the floor with actual code.

Systems and business analyst with entrepreneurial background, incl. business strategy and management, technical sales, SME (online) marketing, M&A, complex migration projects, ETL, accounting, etc.

Thrives on problem solving, model building, designing algorithms, rapid working prototype development, complex systems with big data and business automation / intelligence; prime focus always being to enable cost-efficient solutions that increase business and/or reduce risks, costs & inventory for the client involved.

Passionate LENR advocate, independent quantitative trader and analyst with *skin-in-the-game*. See www.sifferkoll.se

Skills

Areas	level	years
IT architect (Unix & OpenVMS universes)	5	10+
Analyst (systems & business)	5	10+
Business intelligence & automation	5	10+
Algorithm developm. (trading, data acq., eval., etc.)	5	5-10
Business & product development	5	5-10
Migration & integration (ETL, systems & data)	5	5-10
Developm. & programming (prototype, DevOp)	4	10+
Infrastructure (Unix/Internet, DevOp, routing, etc.)	4	5-10
Quantitative finance (risk & performance)	4	5-10
Financial data & instruments	4	5-10
Independent trader (all asset classes)	4	5-10
Technical sales & marketing (SME focus)	4	5-10

Curriculum Vitae

2020/03/20

Project management	4	5-10
SME Business (manager, M&A, accounting)	4	5-10

Tools & Methods

Unix & open source generalist	5	10+
SQL, Perl, MySQL, MongoDB, Bash, etc.	5	10+
OpenVMS, OracleRDB (PL/SQL), DCL	4	3-5
Fortran, Pascal, C	4	3-5
Agile/Scrum & Critical Chain methods	4	3-5
PHP, Python, JavaScript, HTML, css, etc.	3	3-5
Hadoop ecosystem, Splunk	2	<1
z/OS, Cobol, Assembler	2	<1

Sectors

IT & Internet (incl. infrastructure)	10+
Industry (logistics, production & process control)	5-10
Finance (trader & quantitative analyst)	5-10
Telecommunications (mobile & billing systems)	3-5
Retail (logistics & automation)	2-3

Languages

Swedish	Native
English	Fluent

Experience

Aretton AB – Stockholm (2008-)

Owner & Independent Consultant

Some recent assignments and projects:

[2017 -] Telenor Sweden AB » Senior Developer & Architect in a complex router migration project covering all customer specific configurations for the complete nation wide IP backbone (Telenor, Bredbandsbolaget, etc.). Main task is extraction of Cisco configurations and use them to configure the new Juniper based backbone with equal functionality and minimal customer downtime.

[2016 -] MJS IndexInvest » Tech lead, architect and developer responsible for design and implementation of a complete trading platform using the Nordnet NExt API. System includes data acquisition, generation of trading signals, risk and portfolio management, execution algorithms, etc. Tools primarily Perl, MySQL & bash on a Linux platform.

Curriculum Vitae

2020/03/20

[2015 - 2019] Misa AB » Designing and implementing a cloud based service for budgeting using accounting (SIE) and human resource data as input. The client is a mid size company in the health sector with about 15 more or less autonomous offices. Part of the project is also to design a BI/dw service including CRM (Lundalogik/Lime/MSSql) and other data. Some in real time and some in batch. Tools primarily Perl, MySQL and bash on a Linux platform with Apache based web frontend.

[2014 - 2017] Left is Right AB » Business & product development

[2012 - 2016] Resia, Rådrum, KEP Games, Channelsoft, QBtech, etc. » Different assignments within areas of system Integration, customer migration, IT architecture, ETL (Extract - Transform - Load), db management, algorithm development, business intelligence, prototype development, etc.

Sifferkoll® projects [2008 -]:

» Fully automated medium (days) frequency algorithmic trading in Swedish stocks using the Nordnet NExt API (REST and socket stream) and proprietary platform & model using multi threaded Perl & MySQL backend, including machine learning & pattern recognition algorithms.

» Multi model & multi time frame algorithmic trading in the US stock, ETF, futures, commodities and FI/FX markets. Primary focus is on portfolio level risk reducing strategies in the swing and position trading time frame. Also an expert in rapid trading system development and simulation using a Perl & MySQL based platform.

» Implementing a system for managing and analysing the Swedish part of the Twitter fire hose feed/API. Designing an algorithm to evaluate real-time political sentiment in tweets and present it graphically. Project includes development of a news aggregation Twitter bot (@populist_se) and news aggregation front end (www.populist.se). Mainly using Perl, MongoDB & in-memory hash/array data structures.

» Exploring business and trading opportunities and actively following the development within the emerging LENR (*Low Energy Nuclear Reactions*) field and the oil/energy market in general. (www.sifferkoll.se)

Curriculum Vitae

2020/03/20

Levonline AB – Stockholm (1998-2007)

Founder & CEO

Founded and managed the company from scratch to exit. By the time of exit Levonline had ~20 MSEK sales, 12 thousand customers, 12 employees and a 40% profit margin.

Besides building and managing a business that delivered high availability hosting services, primary focus was on M&A, seamless customer migration, business automation architecture, sales and online marketing. Levonline is now a part of Binero Group traded on the NASDAQ OMX First North exchange.

Key achievements include:

- » Acquisition of the Telenor shared hosting business (previously Algonet, Internet5, etc.), Seamless migration of the customers to the Levonline hosting platform achieving more or less complete synergy and zero churn.
- » Dedicated focus on high availability, cost efficiency and automation. Development of a complete back end system for shared hosting including CRM, order management, billing/invoicing, service provisioning (clustered Linux platform), support ticket management, customer control panel, server monitoring, etc.
- » Focus on customer satisfaction as prime marketing channel. A majority of new customers came through recommendations.
- » Winner of the IDG/Internet World "Best Swedish Web Hosting Service" award in 2004 and their "Best Availability" award several times.

Aretton AB – Stockholm (1999-2000)

Owner & Independent Consultant

Independent consultant working at Hennes & Mauritz AB with project management, system development and programming mainly in the logistics area.

Responsible for the development of a semi automatic allocation system with the purpose of optimizing distribution of a finite amount of goods to European stores based on historical sales and other variables.

Platform: OpenVMS, Pascal, DecForms, Oracle RDB, PL/SQL, DCL, etc.

Curriculum Vitae

2020/03/20

Netcom Consultants – Stockholm (1997-1998)

Consultant

Consultant within the Business Application group. One key project was the responsibility for migration of the Comviq Kontant customer base (1M+ customers) to a new billing platform. Also part of a team that prepared and held seminars covering new IP technologies for the Vietnamese telecommunication authorities (fixed, mobile and Internet) in Hanoi.

Siemens AG – Guangzhou, China (1997)

Project Engineer

Working as a Project Engineer within the Quality Management Team for the Overall Project Management in the Guangzhou Metro Project.

KUAI Scandinavia AB – Uppsala (1994-1997)

Founder & CEO

Founder of the first consumer market ISP in Sweden. Also pioneering the use of Linux (kernel v0.99) as OS in a production environment.

Aretton AB – Uppsala (1991-1997)

Owner & Independent Consultant

Independent consultant working for Ovako Steel AB with system development and programming mainly in the logistics, production and process control areas.

Platform: openVMS, Fortran, Oracle RDB, SQL, DecForms, DMQ, DCL, Datatrieve, etc.

Curriculum Vitae

2020/03/20

Education

Luleå University of Technology (1986-1991)

M. Sc., Mechanical Engineering

Master thesis in manufacturing technology

Luleå University of Technology (1987-1991)

Micro and macro economics. Approx. One year of full time studies.

Uppsala University (1993)

Theoretical Philosophy. Approx. 2 months of full time studies

Swedish Army – Falun (1987-1988)

Military service. Corporal in the Swedish army.

Personal

Born August 23rd 1967.

INTP personality profile according to the MBTI / Jung typology.

Long distance runner and triathlete. PB since 2012 includes: Marathon - 3:09:26, Lidingöloppet (30 km cross country) - 2:13:42, Half Marathon - 1:26:02, 10 km - 38:47, Olympic Distance Triathlon - 2:40, Half Ironman Triathlon – 5:36, Ironman Triathlon – 12:14. Goal for 2020 – sub12 Ironman.

Living in a long term relationship having three children from an earlier marriage.

