



## Henrik Oscarsson – Consultancy Profile

Henrik Oscarsson has 25 years of experience in systems architecture development and technical leadership, primarily within the financial sector.

Henrik has been contracted by the AMEX and ustwo in New York, SFE in Australia, Credit Suisse and ustwo™ in London and NASDAQ/OMX and SIX Telekurs in Stockholm, Nokia and Microsoft in the US to name a few.

Henrik has a Master of Science degree in Computer Engineering, as well as background and extensive experience from various industries. As a consultant he's worked in many software projects where the systems have been complex, heterogeneous and with high requirements on delivery. He has spent several years of his career working abroad, both in London and New York.

He's passionate about the craft of building and shaping entire systems to meet technical as well as business requirements. Henrik has worked for many years with both backend, middleware and frontend, and have profound knowledge with most software platforms and tech stacks. This has given him a solid foundation with depth of knowledge. Henrik has continuously held workshops internally to spread and share technical knowledge.

He has a knack for understanding and modelling complex software, seeing the data flows from a helicopter level and specifically how it fits or enhances the business model.

With long experience Henrik often takes on the role as mentor on top of being an experienced Tech leader. He enjoys mentoring as it helps shape the team, as well as teach him new things as a mentor. He's been part of several c-suite steering groups to explain technology to the business, a role he feels comfortable in and one he sees as vital for anchoring business decisions in technology and vice versa. Henrik enjoys being right where business meets technology, as he sees great benefit in being able to deliver tailor-made solutions faster with an AI first approach.

### ***Trainings and courses***

2024	Designing and Building AI Products and Services, MIT xPro
2012	Graphic Design & Communication, Berghs School of Communication, Stockholm
2009	Certified Scrum Master, London
2006	Project Manager, Learning Tree, Stockholm
2000	M.Sc. in Computer Engineering, Uppsala University



## ***Employments***

2025	CTO, Valuno Group AB
2008-	Founder, Owner, Capsor AB
2007-2008	Founder, Owner, dipod
2004-2007	Software Architect, Canvisa Consulting AB
2000-2004	Software Developer, CATS AB

## ***Projects and assignments***

### **CTO at Valuno Group AB**

Working as chief technologoy officer at Valuno Group (previously named Quickbit) means setting the technical standard for crypto payment solutions, hiring activity for building a great tech team and doing mentoring and coaching. It also involves taking an AI first approach to greatly increase productivity and speed of delivery for crypto related online payment solutions.

**Technologies and products:** Blockchain, Amazon Web Services, Google Cloud Platform.

**Scope:** May 2025 –

### **Engineering Manager and Solution Architect at Quickbit**

The work at Quickbit involves shaping and forming application software into are more streamlined package, where there are fewer moving parts, fewer frameworks and languages. Quickbit provides crypto payment solutions in a high transaction environment with monitoring and surveillance built in.

**Technologies and products:** React, Blockchain, Amazon Web Services.

**Scope:** January 2025 – April 2025

### **Fullstack developer at FRISQ**

Henrik is contracted as a fullstack developer to build a Community service for managing and sharing digital care plans and their content. The frontend applications are built with Angular and React, and the backend is comprised of micro services based on Spring Boot. Various integrations were implemented with FHIR. Everything is hosted in Google Cloud. The job involves implementing the solution in Java and also improving architecture and performance.

**Technologies and products:** Azure, Docker, Google Cloud Platform.

**Scope:** Oct 2023 – December 2024

### **Solution Architect and Tech Lead at Barnebys**

Barnebys Group offers a 100% custom built white-label auction platform to enable Nordic auction houses an online presence as well as a large increase in revenues. Henrik was an



architect and tech lead, improving the overall project structure and information flow, where performance was greatly improved. He also acted as a mentor for developers and helped improve DevOps to have Continuous Deployment. The team deployed at least once a day. Everything was built and run in Microsoft Azure, with logging and monitoring. Henriks key contribution was improving overall architecture and performance.

**Technologies and products:** Azure, Docker, Microsoft Orleans.

**Scope:** May 2022 –October 2023

### **Architect and Technical lead for TFF**

Henrik was contracted as technical lead and architect, employed with the task to improve performance in their custom built WPF client with middleware and backend. The solution was fully built on the .NET platform, with a desktop client written in WPF and a .NET API running on servers. An overall performance review was done as well as improvements to the system.

**Technologies and products:** Visual Studio 2015, Entity Framework, SQL Server, TFS.

**Scope:** June 2017 – December 2018

### **Technical lead for a large e-commerce project in London**

Henrik was contracted as technical lead for a large (40 people, £ 1000 000) e-commerce project working with ustwo<sup>tm</sup> and POWA Technologies. The team consisted of 16 developers with UI designers and UX designers and agile coaches. Henrik reviewed both the backend (server-side) implementation, the client side API libraries and supervised the development of the mobile apps.

**Technologies and products:** Android Studio, XCode, Java, Obj-C, Reactive Extensions.

**Scope:** February 2015 – September 2015.

### **Architect/developer for an electricity certificate trading system for NASDAQ-OMX**

Capsor has spent the summer and autumn working with NASDAQ-OMX on vastly improving performance in a client application used for trading electricity certificates. The client app was written in C++ using MFC. It was done by improving the Model/View, as well as improving the threading model, and what is executed on each thread.

**Technologies and products:** Visual Studio 2010, C#, C++, MFC.

**Scope:** August 2012 – October 2012



## **Software architect and senior developer for a real-time trading client**

Henrik has continued development on SIX Telekurs terminal display product SIX Edge. Among other things he migrated the codebase to .Net 4.0, built in support for Twitter and a powerful search engine based on the Apache Lucene project.

**Technologies and products:** Visual Studio 2010, C#, Reactive Extensions

**Scope:** September 2011 – January 2012

## **Software architect for a new Fixed Income (FX and Options) Trading System**

Henrik has been part of both the pre study and full project, implementing a new Fixed Income trading system for Credit Suisse in London. The project was done in close collaboration with HiQ and the British company [ustwo](#) working with interaction design.

**Technologies and products:** Visual Studio 2010, C#, Silverlight 4, WPF 3.5, Reactive Extensions

**Scope:** May 2010 – July 2011

## **Constructing an RFID based security system for Atlantic Airways**

Henrik has built an RFID library as well as a touch-based application for the airline company Atlantic Airways on the Faroe Islands. The task was to ensure the mechanics didn't leave tools in Aircraft they had been working on during the day. This was done using RFID labels on all tools, so the mechanics could do a self service check in/check out. All hardware and software was created from scratch. An RFID reader from ThingMagic was used.

**Technologies and products:** Visual Studio 2008, C#, RFID

**Scope:** June 2009 – December 2010

## **Software architect and senior developer for a Trading Client application**

Henrik has further developed SIX Telekurs display product SIX Edge. It involved prototyping, design and development of a new grid component using Direct X technology exclusively to accomplish extreme real time information rendering.

**Technologies and products:** Visual Studio 2008, C#, DirectX, SlimDx

**Scope:** March 2007 – April 2010

## **Software architect and senior developer in a Trading Client Application**

Henrik has continued development of the display terminal product SIX Edge, which is a trading client presenting in depth real time information for trading. The job meant both software development and architecture, specifically implementing support for MiFID, and adding boiler plate code for order management.



**Technologies and products:** Visual Studio 2008, C#

**Scope:** May 2004 – August 2006

### **UI architect on a clearing/settlement system**

Henrik has enhanced the client application in a large clearing system for the SFE in Australia. It meant working on both software development and architecture, and taking the role of lead developer on the front end. The system is using pure Web Service communication between client and server, and the traffic is encrypted to protect the data.

**Technologies and products:** Visual Studio 2005, .Net 3.0, C#, Team Foundation Server

**Scope:** August 2006 – March 2007

### **Creating a security model for Collectum**

Henrik has specified and developed a thorough security and access control model for the .Net platform in a multi-tiered architecture using Web Service Enhancements (WSE) 3.0. It was done as a prototype for Collectum, as they were replacing their technological platform.

**Technologies and products:** Visual Studio 2005, .Net 2.0, C#, WSE3.0, Enterprise Library 2.0, PKI

**Scope:** March 2006 – August 2006

### **Development of a new terminal display product**

Henrik has been part of the team developing the next generation trading client. The task was to replace the existing product (SiX Trader) with a new version called SIX Edge., based entirely on the .NET platform. The focus has been on user interfaces. The client application is communicating via web services and proprietary protocols.

**Technologies and products:** Visual Studio 2005, .Net 2.0, C#

**Scope:** April 2004 – February 2006

### **Developing new applications for an ATG online gaming company**

Henrik has been part of a larger project that required developing several new applications for a large Australian customer (Tattersalls). The applications were created using the Java Swing library. The assignment required handling lot's of data in XML format, processed using XSD, as well as encryption to secure all gambling data.

**Technologies and products:** OpenVMS, Eclipse, Java, Swing, XML, JAXB, OpenSSL

**Scope:** June 2003 – March 2004



## **Migration of an Equity Trading System for the AMEX**

Henrik was part of the pre study, did all the software design and was lead developer in a large migration project aimed to move the front end from C and OpenVMS to C# and Windows. This was done for the AMEX in New York. Part of the work was to introduce the .Net platform and hold seminars on C#, to get the team up to speed.

**Technologies and products:** .Net, C#, OpenVMS, Motif, X

**Scope:** September 2001 – May 2003

## **Development of an Equity Trading system for the AMEX**

Henrik was responsible for development of the front end in a new equity trading system for the AMEX in New York. The performance and availability requirements were high on a system like this. Henrik prototyped and developed and wrote specifications. He also helped perform integration and function testing on location. Henrik has also had a support role after delivery.

**Technologies and products:** OpenVMS, Motif, X

**Scope:** May 2000 – August 2001