



DANNI EFRAIM

CONSULTANT PROFILE

SUITABLE POSITIONS | Systems architect, senior full stack developer, tech lead, Scrum Master

PERSONAL INFORMATION

Nationality: Swedish

Date of birth: 1982-11-02

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EXPERIENCE

SOFTWARE ENGINEER, QLIRO

NOVEMBER 2022 – PRESENT

Danni was one of the backend engineers in a team called Clearing & Settlements at Qliro. This team is spearheading Qliro's efforts into a new market strategy by becoming a Payment Facilitator. To do this, the team had to build a robust system to keep track of money to be collected from Payment Service Providers and manage fees and payouts to merchants, as well as generating the necessary data for auxiliary systems like accounting. The system was implemented as a primarily event-based microservice system in AWS, using lambda functions, topics and queues, as well as API gateways and batch jobs to manage file based communication with banks.

Key technologies: C#, .NET, AWS, Lambda/serverless, microservices, QLDB ledger database, Amazon Aurora (PostgreSQL), SNS/SQS message communication, Infrastructure as Code (Terraform), REST API, serverless batch computing, GitLab CI/CD

SOFTWARE ENGINEER & SCRUM MASTER, H&M

JANUARY 2022 – OCTOBER 2022

Danni was one of the software engineers and also the Scrum Master of a team called Airlift at H&M. This team has been at the forefront of H&M's efforts to provide a modern, frictionless checkout experience to their customers across all platforms. The teams work in a very independent and empowered manner, refining goals set on the levels above into goals of their own and working out what work they need to do to best



help achieve the overarching goals. Aside from the actual development work, all team members must help to gather requirements and align with other teams in a very complex system landscape. Danni has also taken the role as the Scrum Master of the team, guiding it on its path to more efficient and agile ways of working.

Key technologies: C#, .NET, Scrum, Azure, REST API, message based communication with Azure Functions, Azure DevOps, CI/CD, Docker, Splunk, Application Insights, SAFe

FULL STACK DEVELOPER, SKATTEVERKET

MAY 2020 – DECEMBER 2021

Danni held a role at Skatteverket as full stack developer in the “UND” team, which develops an internal system that is used to support investigators handling investigations regarding financial crimes and tax evasion. The team has been focused on agile development and grown through iterative self-improvement into a very efficient and self-organized team, fitting into the larger SAFe framework used at Skatteverket.

Key technologies: C#, .NET Core, Angular, NGRX, HTML, CSS (with Sass), Azure DevOps, CI/CD, Splunk, SAFe

FULL STACK DEVELOPER, STENA LINE

DECEMBER 2019 – APRIL 2020

As a full stack developer in the Payments team of the Travel department, Danni worked with development of online payment services for the travel platform and online booking systems.

Key technologies: C#, .NET, WCF, ASP.NET, HTML, CSS, Azure, Azure DevOps, Sentry

DEVELOPER/ARCHITECT, EXTENDA RETAIL

MARCH 2008 – DECEMBER 2019

As a developer in the ‘AddOn’ team Danni worked with the development of Extenda’s leading Retail POS system. The AddOn team were responsible for add-ons and third-party integrations. This typically included all external payment methods such as payment terminal integrations, mobile payments, and online invoice payment services. Danni was also the responsible architect in a number of projects to extend the POS system with digital receipt support through the ARTS Digital Receipt standard, a functionality which will shortly be deployed nationwide in all ICA stores. He also had the primary responsibility for integrations with the Global Blue tax refund system.

Before working on the Java-based Retail POS, Danni also worked on Extenda’s older Delphi-based POS system.

Key technologies: Java, Spring, XML, JSON, REST services, SOAP, serial communication, threaded programming, Delphi

PROJECT RESPONSIBLE/DEVELOPER, COMPILED

MARCH 2008 - PRESENT

Specifying, planning, developing and delivering various applications, integrations and internal systems both in-house and for customers. Integrations with various business systems, billing applications, custom intranet websites, in-house apps and sites, and more. More information about these projects is available under the 'Projects' headline below.

OPERATIONS MANAGER, ARICO

JANUARY 2006 – MARCH 2008

Danni was responsible for overseeing the development of web-based booking systems, as well as leading a technical transformation effort with great results. He redefined the entire development process and pipeline at the company, introducing continuous integration and deployment, as well as restructured the entire support management process for the company.

Key technologies: ASP Classic, HTML, CSS, Microsoft SQL, JavaScript, continuous integration and deployment, helpdesk integration

SYSTEM DEVELOPER, SWEDISH ARMED FORCES

JANUARY 2002 – JANUARY 2006

Danni was working as part of a team developing an in-house prototype for a command and control system for Network Centric Warfare. This included both developing Windows application that were used for Command, Control and Communication (C3), and also integrating a wide variety over units such as radar stations, fire units, tanks and more to communicate with each other over military radio and tele networks, share their data, and receive automated orders over the network.

Key technologies: C++, MFC, C#, .NET, Windows Forms, embedded programming, military communication protocols, Delphi

SYSTEM DEVELOPER, GALDRION AB

JUNE 2001 – JANUARY 2002

Danni held this developer job fresh out of high school and before doing his military service. The job entailed Python development using the Zope framework along with Python based backends to automate performing searches in multiple museum collections across Sweden in a single search. There was also a project with a Python GUI application used for input into museum databases.

Key technologies: Python, Linux, Tcl/Tk, X Windows

PROJECTS | These are some of the projects that Danni has been responsible for managing and implementing for different customers through Compiled. For all of these projects, Danni has handled requirements, implementation, quality assurance, DevOps, delivery and deployment, and all communication with the customer.

TESLAKALKYLEN, COMPILED AB

Teslakalkylen is an original idea by Danni, combining his love of programming with his interest for cars, ecology and economics. It is a website that can be used to calculate and compare the Total Cost of Ownership (TCO) for owning or leasing a car in Sweden under different circumstances, while taking into consideration all the laws and rules governing taxes, benefits, reimbursements and so on.

Key technologies: Angular, TypeScript, Go, MongoDB

Project can be viewed at <https://www.teslakalkylen.com>

CLASH OF LOGISTICS, ADITRO LOGISTICS AB

Clash of Logistics is a gamification platform for Aditro's warehouse employees. Mambo is used as the gamification backend, while Danni has helped making additional functionality on top of this, such as an advanced 'avatar editor' that allows the users to design their own avatars in the game. This also included a multi-platform iOS/Android application to play the game.

Key technologies: Angular, TypeScript, Python, Django, Django REST Framework, GitLab, Docker, Docker Swarm, MSSQL, Xamarin (iOS and Android development), continuous integration and deployment

ONEWISE, DUSTIN AB

OneWise is an application that is responsible for making scheduled imports of data from various data sources. Mapping the sources and mapping the structure of the imported data and how it is to be transformed is completely configurable by the system administrators. Export jobs can then be defined to export the data in various formats, which are also configurable by the administrators. Dustin use this system to import data on their virtual machine deployments from various sites, transform it, and export it to their billing system to generate customer invoices automatically.

Key technologies: Python, Django, Celery, redis, Docker, Docker Swarm, GitLab, MySQL, continuous deployment and integrations

PROJECTQ, SALDAB IT AB

ProjectQ is a web application that imports timesheets from Saldab's time reporting system, makes an attest flow for time, and then exports the data to Saldab's invoicing system. This includes integrations to multiple business critical systems for Saldab, and a

user interface wherein consultants and managers can submit and approve time reports that are automatically generated and then automatically billed when approved.

Key technologies: AngularJS, JavaScript, Python, Django, MySQL, GitLab, continuous integration, Celery, redis

PACONLINE, PACSYSTEM AB

Paconline is a system that enables customers of Pacsystem to easily place repeat orders by simply scanning a QR code included in their order. This included an integration to their ERP system (Garp) to manage articles, customers, orders and invoices. The system has an administration interface for Pacsystem to manage the site and its settings, and a front-end for their customers to view, repeat and modify their orders.

Key technologies: C#, .NET, ASP.NET MVC, MSSQL, Entity Framework CF

LANGUAGES | Swedish and English at a fluent, professional level

German at a rudimentary level

SKILLSET | Danni has extensive knowledge and professional experience of a wide variety of programming languages, including:

- C# (~19 years)
- Java (~6 years)
- Python (~20 years)
- C++ (~5 years)
- JavaScript (~15 years)
- TypeScript (~3 years)
- Go (~2 years)

He has worked with the following frameworks:

- .NET Framework (~19 years)
- Spring (~6 years)
- Angular (~3 years, and AngularJS before that)
- RxJs
- NGRX
- Ember
- Django
- jQuery

He has developed software on and for these operating systems:

- Windows
- Linux

- macOS

Database engines:

- Microsoft SQL Server
- MySQL/MariaDB
- PostgreSQL
- MongoDB
- ORM systems, including Entity Framework and Django ORM

He is familiar with the following DevOps and cloud tools:

- Git
- Mercurial
- Older VCS systems (Subversion, Perforce, CVS)
- GitHub
- GitLab
- Jenkins
- Azure DevOps
- Docker
- Docker Swarm
- Sentry
- Application Insights
- Amazon AWS, EC2, S3
- Microsoft Azure
- Google Cloud services
- Traefik
- Kubernetes

Communication/service technologies:

- REST
- JSON
- XML
- SOAP
- RPC
- WebSockets
- Serial communication protocols

Apart from the technological aspects of software development, Danni is also very keen on agile methodologies and processes for efficient software development - working to eliminate waste to increase efficiency, speed, quality and throughput and achieving continuous delivery.

GENERAL INFORMATION

Danni is a very driven, competent, and highly independent person who can provide value at almost any point in the software development chain. Being a developer at heart and having coded since the age of eight, as a small business owner he is also

comfortable managing a project, working with requirements, and taking full responsibility for the project and assuring its quality. Developing software has been a hobby for Danni since his childhood that eventually became his profession, and apart from customer assignments he has also always had a number of projects of his own, including a website called Teslakalkylen.com for calculating car ownership TCO and a photography website at danni.se.

He has great communication and social skills and will quickly feel at home in any team or environment. He is very interested in agile methodologies and a truly agile mindset, where each team member takes full responsibility for his or her work and the results of it, and he thinks knowledge based organisations should adopt this mindset and the flat organisation trees that come with it, to fully empower their most valuable assets to maximise the value they provide to the organisation.

When he is not developing software, he is most likely spending time with his family (his wife Sandra and children Emilia, Elin and Elliott), traveling, enjoying fine dining, coaching a kids' soccer team, being a scout leader, or practicing his hobby as an award winning photographer.