

CURRICULUM VITAE

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PROFILE

Strong logical thinking, regardless of the programming language and environment used, has played a key role in my role as a programmer / designer. Accuracy and attention to detail for the whole are my strengths. I can solve even demanding software problems, even if the starting points are challenging.

My way of working and the quality of my work has received a lot of praise from both colleagues and clients and helped me stay on schedule, sometimes even ahead of them.

Industry expertise: 3 years of financial management, five years in healthcare and fifteen in energy. In addition to programming tasks, testing and documentation is a preferred task.

Technical skills

- SQL since 1996, (Ingres, Oracle, SQL Server, MySQL).
- Javascript, html, css, ASP Classic implementing browser user interfaces since 2000
- Updating my Web programming skills in 2020-2022 (PHP, REST, React, JQuery, Node, Bootstrap...)
- .Net C# (2007-2018), implementing Web service (SOAP), .Net Core studies in 2020
- Version control tool Team Foundation Server (TFS), GitHub, Bitbucket
- Studying mobile programming 2020 (java,kotlin, PWA)
- Php, Docker, AWS since 2021

EXPERIENCE

Ropo Capital Oy, Kuopio

Developer 04/2021 – 02/2024

TASKS

- Full stack development and maintenance mainly concerning accounting document handling and interface using PHP, SQL, HTML, Javascript, JQuery, Docker, AWS, Jira

ACHIEVEMENTS

- Clarifications and corrections to accounting reconciliation differences
- Changes in the processing of accounting materials so that their export to the accounting system was not disturbed

Fabercon, Kuopio (Through Osuma Staffing Services)

Web Developer 01/2021 – 03/2021

FIXED TERM ASSIGNMENT IN PROJECTS

- Front-end development, making tailored javascript components (css, html, javascript, SVG).

Other

01/2020 -06/2022

- Separate courses in Savonia University of Applied Sciences: Web Programming (HTML, CSS, Bootstrap, XML, HTTP, JavaScript, jQuery, Node.js, PHP, Git, React), Mobile Programming (Java, Kotlin), .Net Core

07/2018 -

- Familiarization with and participation in issues related to renovation

Tieto Finland Oy (Energy), Kuopio (as a subcontractor through Temp-Team and eWork)**Consultant** 01/2017 – 06/2018**TASKS**

- Execution of custom order work and product support for Web Service and browser-based software related to the customer service and billing software of energy companies. Also custom order work for a Windows-based measurement data processing program. Some methods and tools I used are e.g. Visual Studio, .NET, C #, Xaml, MVC, sql, ASP Classic, XML, JavaScript.

ACHIEVEMENTS

- I got a call from my former employer. The need was for temporary project-type work, and I was able to carry out high-quality customer ordered work on a fast schedule.
- Overcoming a software problem in a situation where the developers had left, the documentation was out of date and the source code was poorly versioned. I was able to make a new feature for the customer (with programming technology I had not used much: Xaml). Difficult technical issues were solved together with my co-worker, the customer got the new feature without it breaking existing features and the program became maintainable in the version control.

Tieto Finland Oy (Energy), Kuopio**Designer** 10/2012 – 03/2015**TASKS**

- Implementation and product support tasks for browser programs (C language, sql, classic asp, javascript, xml.) related to the customer service and billing software of energy companies. Development, maintenance and documentation of Web Service programs made with .NET C#.

ACHIEVEMENTS

- Part of the customer service software had been unstable for years and fixes had led to additional problems making it difficult to use the program at all. I searched for and restored the pre-fix version for customers to use, until I got it fixed to work properly.

Tieto Healthcare & Welfare Oy, Kuopio**Designer** 08/2007 – 09/2012**TASKS**

- Implementing and maintaining the patient information software used in hospitals, using .Net C# and SQL Server database solution. As a special area of responsibility, I had risk information. In addition, my duties included e.g. maintenance of structured text in patient records, maintenance of hospital ward medication, review of user interfaces and their correction.

ACHIEVEMENTS

- I refined the specifications and implemented the Web Service interface to another system so that it did not need to be changed or repaired at all after I had tested it myself and put it forward for internal testing and from there on to the customer for testing and production use.
- The component, unfamiliar to me, had to fulfill a lot of different requirements and had many steering information, which made it very unstable. By exploring the code and collecting separate requirements into one document, I clarified what requirements the component should be able to meet at the same time. Based on this, I repaired, tested and documented the component.
- Refining the definitions to be implementable with the customer, e.g. pausing medication in hospital care.

TietoEnator (Tekla, Enfo, Tietosavo), Kuopio**Designer** 03/1997 – 08/2007**TASKS**

- Planning, implementation and product support tasks of batch, Windows form and browser programs related to the energy companies customer service and billing software, using e.g. Visual Basic, C language, sql, classic asp and xml.

- Conversions and database updates (UNIX, Ingres and Oracle databases).
- Mobile programming for a telephone operator (wap, wml, xml, xsl, Java).

ACHIEVEMENTS

- In several conversion projects I have managed to transfer data from the energy company's old system to the new system successfully on time, (sometimes even ahead of agreed schedule). I have received positive feedback from project managers and also from the customers.
- An example of correcting numerous error situations is a situation where the data in the customer's database was so mixed up that the programs in the sub-area no longer worked at all. There was no documentation about it and I had no knowledge about it myself. I experimented with the form programs to find out how the data should be connected to each other. In addition to repairing the database, I made documentation of the study, in which I explained how the database connections should be, how to catch error situations, how they can be corrected and, above all, how error situations can be avoided.

KT-Tietokeskus, Kuopio

Designer 04/1996 – 03/1997

TASKS

- Maintenance of hospital economic and materials management software. Programming language Cobol, VAX / VMS environment.
- Software Information Management Specialist (Ultra)
- As a customer contact in maintenance.

Nokia Telecommunications, Helsinki

Application specialist 08/1995 - 05/1996

TASKS

- Development of customer documentation methods and tool software, especially preparation for the implementation of SGML. Deployment project documentation in English.

University of Kuopio, Departement of Computer Science

Lesson teacher 03/1994 – 05/1994: guiding mathematical logic course exercises.

Trainee 05/1993 – 09/1993: Making a tutorial on data structures and algorithms. The program was used in teaching at both the Universities of Kuopio and Turku.

EDUCATION AND STUDYING

- 2020 Separate studies / Savonia University of Applied Sciences: Mobile programming, Web programming, .Net Core
- 2015 – continues: Self studying in different programming languages and techniques (.NET, C #, SQL, Bootstrap, PHP, javascript, css, PWA, React). Currently: <https://seijalauronen.github.io/>
- Separate studies: 2000-2006: Savonia University of Applied Sciences: Distributed programming with web programming, .NET C# programming, ASP.NET, Java language Tieturi's course on Java programming and an advanced course in xml
- Master of Science in Philosophy, University of Kuopio in 1995 (duration of studies 5 years), majoring in computer science, study on the topic "Integrating Structured Analysis and Formal Methods"
- Secondary school graduate in 1985, 5 laudaturs in languages and long mathematics

HOBBIES

- Formerly competitive ballroom dance (over 20 years), now occasionally dance and figure skating, as well as various other exercises that maintain fitness and health. In summer, being on the waters and gardening. My artesan studies (1987-1988) led to making my own clothes.

REFEREES

- Available upon request