# CV For Lasse Hummel

Kvartsveien 39, N-1435 Ås
+47 40 34 02 09
lh@lhummel.com

- Senior System Architect
- Lead Software Engineer
- Certified Scrum Master / Product Owner
- Senior Engineer (C#, .NET, Azure, Microservices)

## Personal Data

| Last Name | Hummel | | First Name | Lasse | Nationality | DK |
|---|---|---|---|---|---|---|

## Computer Knowledge and Experience     (A = Advanced; B = Good; C = Theoretical)

| Hardware | | Operating Systems | |
|---|---|---|---|
| IBM Compatible PC | A | MS-DOS | A |
| Mac | B | Windows NT 3.5 - Windows 11 | A |
| Mobile Platforms (iOS, Android) | A | Windows Server 2003 - 2022 | A |

| Database Systems | | Dev. Tools/Programming Languages | |
|---|---|---|---|
| Microsoft SQL Server (7.0 + 2022) | A | Microsoft Visual C++ (ver. 4.0 – 2022) | B |
| Access (ver. 6.0 - 2021) | B | Microsoft Visual C# .NET (1.0 – 12) | A |
| SyBase (ver. XI) | C | Microsoft Visual Studio (6.0 – 2026) | A |
| Oracle | B | WPF | A |
| ADO.NET Core (5.0 – 9.0) | | CSS (1.0 – 3.0) | B |
| ADO.NET (1.0 – 6.1) | A | Assembler (PC) | B |
| T-SQL | A | XML/XSD/XSLT | B |
| Stored Procedures (SQL Server) | B | ASP.NET MVC | A |
| Triggers (SQL Server) | B | MVVM | A |
| MongoDB | B | JavaScript / jQuery / AngularJS / React | A |
| | | JetBrains ReSharper (1.0 – 2024) | A |
| | | Unit Testing | A |
| | | Cross-platform development (Xamarin, MAUI) | A |
| | | AI (ChatGPT, Gemini, CoPilot, DeepSeek) | A |

| Development Methods/Strategies | | Applications | |
|---|---|---|---|
| OOA/D | A | MS Office (ver. 95 – 2021) | A |
| TDD | A | MS Project (ver. 2000 – 2021) | B |
| Scrum | A | Quattro Pro (ver. 3.0 – 5.0) | B |
| Domain-Driven Design | A | Visio Professional (ver. 5.0 – 2021) | A |
| UML | A | Adobe CC (- 2024) | A |

## Career

| **Present Client** | **Capgemini Norge AS** |
|---|---|
| From | August 2023 |
| To | -- |
| Function | Executive Consultant |
| Tasks | Working on assignments for Capgemini's clients. |
| | **Client 1:** Working as .NET / Azure systems architect on one of Norway's largest consumer products chains. |

| **Previous Client** | **Forte Digital AS** |
|---|---|
| From | April 2021 |
| To | July 2023 |
| Function | Chief Consultant |
| Tasks | Working on .NET assignments for Forte Technology's clients. |
| | **Client**: NAF (Norges Automobil Forbund). Working on Azure cloud solutions, primary focus on backend development. |

| **Previous Client** | **Visma Consulting AS** |
|---|---|
| From | October 2016 |
| To | April 2021 |
| Function | Executive Consultant |
| Tasks | Working on .NET assignments for Visma's clients. Leading development teams for new development, extension and maintenance of existing applications. |
| | **Client 1**: Utlendingsdirektoratet, developing .NET modules for the application portal for immigrants. |
| | **Client 2**: Renovasjonsetaten, developing new functionality for administering recycling and controlling logistics for renovation vehicles and containers. Working as project manager / scrum master for 3 different projects within development, customer service and maintenance. |

| **Previous Client** | **Capgemini Norge AS** |
|---|---|
| From | May 2014 |
| To | October 2016 |
| Function | Senior Consultant Level II |
| Tasks | Taking on advanced assignments within the .NET area, for Capgemini clients in Norway. |
| | From the summer 2014 worked as Lead .NET Developer for the Central Postal Administration in Oslo, with main responsibility for the .NET development and maintenance of the Postal System IT solutions. |

| | |
|---|---|
| **Previous Client** | **Bloxis Services.** |
| From | August 2012 |
| To | March 2014 |
| Function | Excel developer |
| Tasks | Contract role – home based. |
| | Creating a range of Excel utilities and spreadsheet applications and add-ins – both using VBA and C#. Improving array formulas in time registration spreadsheet, and setting up graphs and pivot tables for flexible reporting. |
| **Previous Client** | **Pfizer AS.** |
| From | July 2011 |
| To | June 2012 |
| Function | Application Country Lead |
| Tasks | Contract position. |
| | Working as responsible for the technical maintenance, development and extension of applications for internal use within the Pfizer organization in Norway. Among other things, the role includes: |

- Gathering information about required changes to existing applications due to changes in health legislation, etc.
- Development of internal applications. User experience analysis/design, C# .NET, WPF. Visual Studio 2010 - 2012.
- Developing ASP.NET applications for internal use; using Ajax for improving performance and jQuery for automated formatting of elements on the pages.
- Using AngularJS and KnockoutJS for MVC/MVVM architecture within the ASP.NET projects.
- Controlling projects for new developments, updating web applications and scheduling activities.
- Administering development / maintenance teams in Norway, Czech Republic and India.
- Working as Scrum Master on internal projects, with the projects mainly based upon user stories.
- Coordinating on-going 2$^{nd}$ and 3$^{rd}$ line support from those teams, conc. issues arising on the Norwegian market.
- Negotiating with management about new projects and necessary adaptations of internal applications and intranet.
- Creating business models and scenarios in Excel 2010. Automation with VBA and Add-ins.

| | |
|---|---|
| **Previous Client** | **Helsedirektoratet Norway AS.** |
| From | November 2010 |
| To | June 2011 |
| Function | Senior Software Consultant / Scrum Master |
| Tasks | Contract position. |
| | Designing a web platform for a public health department. Among other things: |

- Providing the technical backbone of the ASP.NET MVC based website.
- Used KnockoutJS for databinding and synchronization within the MVC/MVVM architecture.
- User experience (UX) analysis and design.
- C# development for web applications for site.
- Visual Studio 2010. Using TFS and MS Test Manager to perform regression tests for the web user interface.
- Developing a Sharepoint 2010 based frontend for editing website contents.
- Structuring and developing the backend database (SQL Server 2008).
- Developing security for logging in to personal information, t. ex. via MinID.
- Optimizing update time for web pages by use of AJAX.
- Using jQuery for DOM selection functions. Working as Scrum Master on the project.

The work was mainly based upon user stories from primarily the product owner as well as other stakeholders.

| | |
|---|---|
| **Previous Client** | **Artworkmill Graphics, Inc. (Remote position)** |
| From | November 2009 |
| To | October 2010 |
| Function | Senior Software developer / Project Manager |
| Tasks | Contract position. |
| | Designing a web platform for a graphical services company. Among other things: |

- Providing the technical backbone of the ASP.NET based website.
- Lead User experience (UX) analyst and designer.
- Structuring and developing the backend database (SQL Server 2005).
- Preparing for an e-commerce platform to extend the website; this platform is first to be completely implemented later when the website has been firmly established in the market.
- Working as Scrum Master, with user stories as the main product backlog items.

Besides the technical aspects, my position also was as project manager, consisting of coordinating teams in the BVI, Denmark and India, and taking care of any cultural and personal issues arising because of the geographical and social differences. In this regard I have conducted online meetings and training for the new staff coming in throughout the project.

| | |
|---|---|
| **Previous Activity** | **Training period.** |
| From | August 2009 |
| To | October 2009 |
| Purpose | Gone through updating training courses in newest .NET technologies in connection with the .NET platform. Furthermore, taken courses in team conflict resolution in system development groups. |
| **Previous Client** | **Xevia Group, Denmark** |
| From | April 2008 |

| | |
|---|---|
| To | June 2009 |
| Function | Senior System Analyst / Project Manager |
| Tasks | Contract position. |
| | Preparing the internal system for a new structure after the company was sold to a company abroad. The system had to be modified and restructured due to new and different official requirements at the new location. I also did a significant amount of teleworking in this period. |
| | After this final project in Denmark, the system and all documentation were handed permanently over to the new owner. |
| **Previous Client** | **CSC/Telenor** |
| From | November 2007 |
| To | March 2008 |
| Function | Senior System Analyst |
| Tasks | Contract position. |
| | I was working as project manager for a project where I took over the management from a previous manager who found a new position in another company. The project was aimed at transforming an existing legacy telecommunication system to new communication standards, as the equipment and software used for the previous system was outdated. The project was prematurely interrupted due to organizational changes and re-prioritization from a high level in the organization. I also worked as Scrum Master on this project. |
| **Previous Client** | **Jysk Erhvervs- og Ejendomsservice** |
| From | August 2007 |
| To | October 2007 |
| Function | Project Lead / Senior System Analyst |
| Tasks | Contract position. |
| | Managed a follow-up project to the .NET project I managed from 2003 to 2007 for the same company. This project was a customization to the original system due to some minor requirements changes regarding the intranet within the company. |
| | I was also working with Silverlight for developing some web-enabled presentations for the intranet, replacing some of the normal ASP.NET controls. |
| | Working on the backoffice system for registration of advertising activities and sales agent management. |
| **Previous Client** | **NNIT** |
| From | April 2007 |
| To | June 2007 |
| Function | Senior System Analyst |
| Tasks | Contract position. |
| | Made a proof-of-concept analysis of the feasibility of using Microsoft Office 2007 add-ins for registering legal texts for use by the Danish government and parliament. Especially the possibilities presented by the new Content Controls and using the CustomXML system were targeted. |
| **Previous Client** | **Jysk Erhvervs- og Ejendomsservice** |
| From | January 2005 |
| To | February 2007 |
| Function | Senior Developer / Project lead |
| Tasks | Contract position. |
| | In this position I took care of the following main tasks: |

- Managing a group of 6 – 9 developers in a project developing a web-based registration system for the company's consultants to do their reporting of working hours and sales.
- System design using UML – all phases from use cases through static/dynamic diagramming and documentation.
- Using Visual Studio .NET with C#, C++, and Visual Basic for the applications and middleware.
- Developing a web-based intranet using ASP.NET – developed in the Visual Basic .NET language.
- Creating ActiveX components based upon Visual Basic (6.0 / .NET) as well as plugins to MS Office applications for automatically registering the activities and documents maintained within the company.

| | |
|---|---|
| **Previous Client** | **Maersk Data Industries** |
| From | August 2003 |
| To | December 2004 |
| Function | Senior Developer |
| Tasks | Contract position. |
| | During this contract, I had the following responsibilities: |

- Developing modules in C++ for a shipping system on the Solaris platform.
- Implementing business rules for performing complete shipping transactions, converting between container and vessel types, and different types of cargo.
- Providing development advice to other developers regarding C++ and UML.
- Working on the backoffice system for registration of shipping activities, cargo registrations and client management.

| | |
|---|---|
| **Previous Client** | **Remote clients around Denmark/Scandinavia** |
| From | February 2002 |
| To | July 2003 |
| Function | Senior Consultant |
| Tasks | I had a range of teleworking clients for primarily small isolated tasks and assignments. Some examples: |

- Developing web sites and Java applets/servlets.

- System maintenance of PC-based systems.
- Development of training materials on all levels from user to professional system developers, with subjects in t.ex.:
  - UML
  - C/C++
  - Java
  - Multithreading
  - VBA (Word, Excel, Access, Project, Outlook)
  - Assembler
  - Applications (Microsoft, Adobe, Borland)

| | |
|---|---|
| **Previous Client** | **Ericsson (Sweden).** |
| From | July 2000 |
| To | December 2001 |
| Function | Senior Designer / Mentor |
| Tasks | In this contract I was responsible for the" Internal Education", training the client's developers – experienced as well as novices – in all levels of system development. This includes project phases, design methodologies, development strategies, as well as technical subjects on all levels. Specifically, I prepared, designed and performed courses for both experts and novices, with the following main topics: |

- C/C++ and Java
- Design Patterns
- UML
- OOA/D/P

Furthermore, I had the role of 'coach' and 'trouble-shooter', assisting the development team with technical questions and problem solving, with particular focus on C++ and Java.

Developing communication modules for older legacy systems, while working on development of a platform for transferring the system to communication equipment based on newer technology and standards.

Maintaining a Java front-end for a telephone billing system. The front-end was based upon Swing, with special focus on the user interface parts.

| | |
|---|---|
| **Previous Client** | **AGFA, Antwerp.** |
| From | January 2000 |
| To | June 2000 |
| Function | Software Engineer/Trouble shooter (C++) |
| Tasks | I was working on graphic applications for MR scanning, system analysis, design (UML), implementation, etc. |

Developing a Gateway application for providing an interface between the MR scanning equipment and the PC systems.

Developing web-based utilization system based on ASP, using the VB 6.0 development environment and MS Interdev.

| | |
|---|---|
| **Previous Clients** | **Different clients in Denmark** |
| From | January 1999 |
| To | December 1999 |
| Function | Senior Software Engineer Advisor |
| Tasks | I worked for Danish companies tailoring their accountant systems to new regulations imposed by the government at the start of that year. |

Customizing MS Office applications by use of the VBA language.

Developing Java applets for different purposes ranging from information gathering through interactive graphical online presentations.

| | |
|---|---|
| **Previous Client** | **Nykredit (Financial Institution)** |
| From | January 1998 |
| To | December 1998 |
| Function | Senior C++ Developer/Consultant. |
| Tasks | I was taking on tasks as System development manager as well as developing C++ Applications for large projects Furthermore, I was teaching other programmers/developers in C++, as well as providing general advice regarding Object-Oriented Programming. |

Working on the backoffice system for registration of advertising activities, campaigns and client management.

Finally, I was developing a Java front-end for online brokerage system specifically intended for the real estate brokers representing the institution.

*For contracts from 1986 to 1997, please request.*

## Educational status

| Education | Start | End | Term | Completed | Cancelled |
|---|---|---|---|---|---|
| HF - Mathematics/Physics | **1982** | **1984** | Mathematics | **Yes** | |
| Datamatiker (B.A.) | **1995** | **1997** | System Development | **No**[1] | |

---

[1] My study for Datamatiker (corresponding approximately to a B.A. in computers science) was interrupted in the spring 1997, due to a project in Norway.