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General.

I have worked as software developer since 1996, in research, retail, finance, bank and telecommunication business, designing and developing systems of many kind and sizes. I am used to be responsible for whole development cycle, from analysing to implementation.

First language: Icelandic

Second language: English – speak, read and write well.

Third language: Danish – read and write reasonably well, speak understandable.

Projects.

Period: 2007/10 -

Customer: Danish Army

Project: Confidential.

Description: The customer wish to keep all information about the project confidential, for obvious reasons.

Role: Programming.

Technology: Java, Swing.

Period: 2007/05 - 2007/09

Customer: Own software development.

Project: Tile System.

Description: Challenge is a system, which can handle arbitrary pattern creation, and apply to area on an image. The purpose is to be able to see effects on changing tiles on drive-ins etc. in realistic manner. The project includes image handling, such as scaling, rotation and perspective calculation.

Role: Analysing, design and program.

Technology: Java, Swing, Java Advanced Imaging.

Period: 2006/10 – 2007/03

Customer: Telia Stofa A/S, cable-TV and internet provider in Denmark.

Project: Internal CRM system.

Description: The demand was to be able to handle all internal contacts, sub-divisions and people involved, along with special contracts and technical information. The standard MBS customer relation management system was extended, with these factors in mind.

Role: Analysing, design, program and implement.

Technology: MBS Navision, C/AL.

Period: 2006/03 – 2006/09

Customer: DLG A/S, telephone and internet provider in Denmark

Project: Automation of internet orders.

Description: The project was to get end-users requests (new internet connections, speed change, cancellation etc.) to go between provider, telephone company and the end user with minimum manual handling. Included was processing (end-users) orders from providers internet, sending to telephone company, reading reply (confirmation, cancellation etc.), update end-user products and creating documents (end-user contracts, confirmation etc.).

Role: Analysing, design, program and implement.

Technology: Navision Attain, C/AL, XML, C#, POP3.

Period: 2005/09 – 2006/02

Customer: Telia Stofa A/S, cable-TV and internet provider in Denmark.

Project: Adjust MBS Navision standard finance system to the customers need.
Description: As the company is divided into many sub-divisions (or associations), extensions were necessary to support correct invoicing.
Role: Analysing, design, program, implement and document.
Technology: MBS Navision, C/AL.

Period: 2005/02 – 2005/08
Customer: Telia Stofa A/S, cable-TV and internet provider in Denmark.
Project: Service scheduling system.
Description: The purpose was to create a system to handle request of technical service, for end-users. The standard MBS service system, was extended to support reservation of timeslots. Timeslots were selected according to work-related qualifications and physical area of requests.
Role: Programming and implementing.
Technology: MBS Navision, C/AL.

Period: 2004/04 – 2005/01
Customer: Telia Stofa A/S, cable-TV and internet provider in Denmark.
Project: Customer service system.
Description: To support all end-customer requests, from complaints to orders of internet and cable-TV, to invoicing, customer products, documents and provisioning.
Role: Analyse, design, programming, implementing and user documentation, along with 2 other developers.
Technology: MBS Navision, C/AL, interface with Office programs, provisioning.

Period: 2003/06 – 2004/03
Customer: Landsbankinn, largest bank in Iceland.
Project: Stock handling system.
Description: System to handle stocks/shares, register changes and calculate loss/profit, evaluate and so forth.
Role: Design, programming and implementing.
Technology: MBS Navision, C/AL.

Period: 2002/09 – 2003/05
Customer: deCODE chemistry, USA.
Project: Automation of chemistry discovery.
Description: The customer business is to find how to manufacture certain chemicals, used in drugs. Included in the project was reading from instruments, such as Mass Analysers, graphical representation, saving data for later use, showing “high points”, controlling robots etc.
Role: Programming and implementing.
Technology: Java, Swing, RMI, CORBA, JDBC, Oracle

Period: 2001/06 – 2002/08
Customer: deCODE genetics, Iceland.
Project: Monitor work-flow in research laboratory.
Description: The customer is one of biggest DNA researcher in the world, who uses discoveries

in human genetics to develop drugs and diagnostics for common diseases. The project was to implement specialized work-flow system, to be possible to register status on every research (SNP, Gene-typing, Assay optimization and such), and save result used for analysing programs.

Role: Design and program in a team of developers.

Technology: Java, Swing, RMI, CORBA, JDBC, Oracle

Period: 2000/02 – 2001/06

Customer: Landsteinar, international software house in Iceland.

Project: Create Point of Sale system.

Description: To create interface from LS Retail to various POS systems, came very time-consuming and difficult to support. Therefore we decided (3 programmers), along with Landsteinar to create our own POS system. The logic was written in C/AL and we created automation objects to communicate with instruments (drawer etc.) and external databases. PlusPos won the RAD award 2002.

Role: Programming of OPOS and external database interface.

Technology: Navision Financials, C/AL, C/FRONT, C++, MFC, OPOS, OO4O, ADO.

Period: 1999/09 – 2000/01

Customer: TDC, telephone company in Denmark.

Project: “External” order system.

Description: The project was to create a system, used from various programs to create orders in Navision. It was split into 2 parts, order logic and interface.

Role: Programming interface between IBM Message Queue and Navision 3.5.

Technology: Navision 3.5, C/AL, C/FRONT, C++, MFC, IBM Message queue protocol.

Period: 1999/06 – 1999/08

Customer: TEC, software house/hardware vendor in Belgium

Project: Connecting Point of Sale to Retail System.

Description: Creating interface between ProStore and LS Retail. Logic written in C++, using named pipes as a connection layer. COM objects for use in Navision. Implemented in about 400 stores.

Role: Programming the interface layer.

Technology: Named Pipes, MFC, COM, C++, C/AL

Period: 1998/10 – 1999/05

Customer: Jacodan A/S, supermarket chain in Denmark.

Project: Connecting Point of Sale to Retail System.

Description: Create interface, to be able to use existing POS system (Riva), with new retail system (LS Retail). Items, prices etc. sent to terminal and transactions read back to retail system. Logic primarily written in C/AL, and interaction objects in C++ (COM). Implemented in about 50 stores, connected to the head office.

Role: Programming.

Technology: C/AL, MFC, C++, COM.

Period: 1997/08-1998/09

Customer: Hagkaup HF, supermarket chain in Iceland.

Project: Electronic ordering

Description: Create software for (off-line) hand-held devices for ordering (store/lager) and communicating software for these devices along with order processing.

Role: Programming and implementing.

Technology: Basic, Pascal, Pro*C, Perl, shell-scripts,

Period: 1996/06-1997/07

Customer: Hagkaup HF, supermarket chain in Iceland.

Project: Replace user interface.

Description: Replace the old text based user interface with new GUI, in retail system. New interface was written in Java, using Swing and JDBC for connection to Oracle.

Role: Programming and implementing.

Technology: Java, Swing, JDBC, Oracle, Pro*C, PL/SQL, Perl, shell-scripts.

Qualifications (Expert, Routine, Good Knowledge , Knowledge):

Areas:

Description	Years	Last Usage	Qualification
Bank-systems	1	2003	Good Knowledge
Billing / Invoicing	5	2007	Expert
CRM	1	2007	Good Knowledge
Database Design	11	2007	Expert
ER models	5	2007	Routine
Finance	5	2007	Routine
Implementing	11	2007	Routine
Customizing documentation	5	2007	Routine
Program Design	11	2007	Expert
Programming	11	2007	Expert
System Design	11	2007	Expert
Telecommunication	3	2007	Routine
Test cases	4	2007	Routine
Test design	4	2006	Routine

Databases:

Description	Years	Last Usage	Qualification
MS-SQL	5	2007	Routine
MySQL	2	2007	Routine
Navision Database	6	2007	Expert
Oracle	4	2003	Routine
SQL Language	11	2007	Expert

Methods:

Description	Years	Last Usage	Qualification
XP	2	2003	Good Knowledge
Yourdon	11	2007	Expert

Platforms:

Description	Years	Last Usage	Qualification
Windows	11	2007	Routine
Linux	5	2007	Routine
Solaris	3	2006	Good Knowledge

Programming languages:

Description	Years	Last Usage	Qualification
C#	2	2007	Routine
C++	11	2007	Expert
Java	11	2007	Expert
C/AL	6	2007	Expert
Pascal	2	1998	Good Knowledge
Perl	2	2003	Good Knowledge

Programming environments:

Description	Years	Last Usage	Qualification
JBuilder	4	2007	Routine
Eclipse	1	2006	Good Knowledge
Emacs	7	2003	Routine
IntelliJ	2	2003	Routine
Visual Studio	6	2003	Routine
Navision C/SIDE	6	2007	Expert
SQL Navigator	3	2003	Routine

Packages:

Description	Years	Last Usage	Qualification
MFC	4	2007	Routine
.NET	1	2006	Good Knowledge
Swing	5	2007	Expert
Corba	1	2003	Routine
RMI	3	2007	Routine

CARRIER

From May 2007, working as a independent software developer.

From April 2004 to April 2007, TeleBilling A/S (Sønderborg), Developer.
Contact: Steen Christiansen (stc@telebilling.dk) +45-73425050

From July 2003 to Mars 2004, Maritech (Reykjavik), Senior-Developer.
Contact: Hrannar Erlingsson (hrannar@maritech.is) +354-5453200

From June 2001 to July 2003, deCode Genetics (Reykjavik), Senior-Developer.
Contact: Jóhann Haukur Sigurðsson (jsh@decode.is) +354-5701900

February 2000 to May 2001, Fef ehf (Reykjavik). Owner (10%), Senior-Developer.
Contact: Sveinn Aki Ludviksson +354-5103280

October 1998 to February 2000, Landsteinar DK (Aarhus), Developer.
Contact: Guðbjartur Páll Guðbjartsson +354-8970354.

May 1996 to September 1998, Hagkaup (Reykjavik), Developer.
Contact: Jóhann Haukur Sigurðsson. (jhs@decode.is) +354-5701900

1993 to 1996, Reykjavik University (<http://www.ru.is>)
BSc Computer Science

Before my computer carrier, I worked as a department, later store chief in Hagkaup Supermarket.