CURRICULUM VITAE

Personal Information

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Homepage	www.rodi.dk
Birth date	March 6th 1973
Nationality	Danish
Languages	Danish (mother tongue)
	English, fluent in speech and writing
	Understand some German
Civil status	Married

Primary Qualifications

- Experienced software developer emphasizing advanced Delphi programming.
- Design and implementation of specialized multilingual user interfaces.
- Development of hardwarenear software for dataacquisition and configuration.
- Large knowledge of website development with focus on graphical details and compatibility with many browsers.
- Used to customer contact during customer adapted development, mediation and education.
- Wish to work on varying tasks within software development in cooperation with technicians and customers.

Work Experience

1997 –   Softwaredeveloper at Greenwood Engineering A/S with responsibility for design and development of software for measuring equipment.
- MiniProf:
  - MiniProf for Windows: dataacquisition, analysis and reporting of results from MiniProf profile measuring equipment used in the railway sector worldwide.
  - Firmware and Windows driver for USB version of MiniProf instruments.
  - MiniProf end-user documentation.
  - Design and layout of brochures.
- Profilograph:
  - Profilograph for Windows: 3D visualization, analysis and reporting of data from Profilograph measuring equipment used for geometric surface measuring of roads.
  - Implementation of submodules for the Profilograph dataacquisition software.
- High Speed Deflectograph:
  - Dataacquisition and basic analysis of data. The equipment measures bearing capacity of roads.
- Other projects:
  - Speed bump measuring.
  - Acquisition of GPS data and simulation of GPS equipment.
  - Logging of data during tests.
- Management of external consultants developing MiniProf for Pocket PC, a PDA based dataacquisition software with basic analysis functions.
- Translation of software to a large number of languages, including Japanese and Chinese using unicode.
- Function and performance tests on various diversified systems.
- Equipment demonstrations by customers and at exhibitions.
- Training courses and usergroup meetings.
- Design and maintenance of the company websites: www.miniprof.dk and www.greenwood.dk

1994 – 1997   External consultant at Søren T. Lyngsø A/S, later Lyngsø Energi & Miljø as, in 1995 taken over by ABB Energi & Industri A/S.
- Configuration of PC's and HP workstations, including installation of hardware and software.
- Drawing of technical drawings in AutoCAD.

1993 –   Joint owner of ChroMa Consult I/S, a small software-consultant company.
- Developed the program ProgramLaunch for Windows 95 and NT, which have registered users worldwide.
- Have in addition developed a number of small utilities for tasks like program installation, user registration, manual display, etc.

IT Qualifications

Programming – languages:
- Object Pascal (Borland Turbo Pascal, Borland Delphi)
- C/C++ (Borland, Watcom, Keil)
- C# (Microsoft Visual Studio)
- Assembler for Intel and Motorola processors
- PHP / JavaScript / HTML
- SQL (MySQL through PHP and Microsoft Access through Delphi/ADO)

Platforms / API's – developmental knowledge of:
- DOS / Windows 3.11 / 95 / NT / 2000 / XP
- Cypress EZ-USB
- Borland VCL (Visual Component Library)
- Microsoft .NET
- OpenGL (Open Graphics Library)
- BASS Audio Library
- Multithreaded development
- VCL GUI component design

Hardware – interface with and development of drivers and firmware:
- DataTranslation data acquisition
- Cypress EZ-USB firmware and driver for Windows
- RS232 communication with different types of hardware
- TCP/IP communication with specialized hardware

Algorithms – knowledge of:
- Cryptography
- Algebraic coding theory (error-correcting codes)

Graphical design – design of brochures and graphics for web and software:
- Adobe PhotoShop
- Adobe InDesign

Browsere – developmental knowledge of:
- Netscape / Mozilla
- Internet Explorer
- Firefox
- Camino
- Safari (Mac OS X and Windows)

Documentation – technical documentation and user manuals:
- Microsoft Word
- MiKTeX (LaTeX)

Other software – user level knowledge of:
- Microsoft Office (Excel, PowerPoint, Access and Outlook)
- Mac OS/X

Education

1991 – 1997
- Engineer (M. Sc. EE), The Danish Technical University (DTU):
- Electro-line with emphasis on softwaredevelopment.
- Graduation project done at Institute for Electric Technology with the title: "EHS Gateway to M-Bus and EHS surveillance".

1989 – 1991
- Higher Technical Examination (HTX), Electro-line, at Frederiksberg Tekniske Skole, Valby afdelingen.

1988 – 1989
- Basic Vocational Education (EFG), Electro-line, at Lyngby Tekniske Skole.
- Higher Preparatory Examination in Mathematics, at Lyngby Tekniske Skole.

Spare-time Interest

Software – develop programs:
- ProgramLaunch, an application launcher for Windows. More information: www.rodi.dk/programlaunch
- MusicCubeOne, a simple, neat looking media player. More information: www.rodi.dk/musiccubeone
- ToolBox, collection of small utilities. More information: www.rodi.dk/toolbox
- ProgramLaunch and MusicCubeOne have users all over the world.
- Was in 1994 nominated in IBM's Leonardo Da Vinci competition as one of the 5 best in the category "Programming".

Web-design – design and maintain websites:
- www.rodi.dk, private website.
- www.arco1992.dk, website for a chamberorchestra with concert information and searchable history.

Music – have played the violin since 1980:
- Play in the Amateur Symphonics.
- Have in addition taken part as musician in various musicals, smaller classical projects and concerts with foreign artists.

Other – movies, travel and photography:
- Very interested in movies and filmmusic.
- Like to travel and experience other countries and cultures.
- Fond of photographing.