CURRICULUM VITAE

Mark Liekens
Boudewijnlaan 68 bus 25
9300 Aalst
gsm: 0479/234164
email: mark.liekens@outlook.com
website: http://www.markliekens.tk

Date of birth: 5 July 1972
Place of birth: Leuven
Sex: male
Marital status: not married
Nationality: Belgian

Secondary studies:

Industrial Sciences:	Don Bosco, Haacht	1984-1990

Higher studies:

Industrial Design:	Henry van de Velde-instituut, Antwerpen	1991-1993
Electronics Engineer option IT: (Master in Industrial Sciences)	Groep T, Leuven	1993-1997

Thesis:
Implementation of a navigation system for GPS in C++

Certificates:

MCAD-MCSD containing:
MCP 70-306 Developing windows applications in VB.NET, 12/2004
MCP 70-305 Developing web applications in VB.NET (ASP.NET), 05/2005
MCP 70-320 Developing web services and server components in C#, 09/2006
MCP 70-229 SQL Server 2000 Design & Implementation, 02/2008
MCP 70-300 Analyzing requirements & defining architectures, 11/2008

MCTS-MCPD containing:
TS 70-536 .Net Framework 2.0, 10/2009
TS 70-528 Web based client development, 10/2009
PRO 70-547 Designing & Developing Web Applications, 10/2009

Professional occupations:

Software Engineer	Philips	09/1997-01/2001
Software Consultant	EADS Matra Datavision	02/2001-12/2002
Software Consultant	Sylis	06/2003-08/2005
Software Consultant	Genesis Consult	09/2005-now

Personal Experience:

05/2017: Professional website

- Creative and technical design
- HTML5, CSS3
- Bootstrap
- Less

Tools:
- Microsoft Visual Studio 2015

01/2013: Setting up a virtual development environment

- Setting up the virtual computers
- Installing the servers and workstations
- Setting up the network
- Setting up a backup management

Tools:
- Windows Server 2008
- Windows Home Server
- Windows 7 Ultimate
- Hyper-V
- Powershell

01/2005: Design and implementation of websites

- Creative and technical design of websites
- Graphical workout
- java applets, javascript, jquery
- HTML5, CSS3
- ASP.NET MVC4
- Entity Framework
- Bootstrap

Tools:
- Microsoft Visual Studio 2010-2012
- Microsoft Frontpage 2003
- Microsoft Expression Web 4
- Internet Explorer, Firefox, Chrome
- Photoshop, Illustrator
- Gif Animator
- Azure Webhosting

Hands-on experience with software technologies

- *Expression Blend, WPF, Silverlight*
- *Nhibernate*
- *CSLA Framework (Rockford Lhotka)*
- *Angular + Angular-UI*

Professional experience:

<u>Genesis Consult</u>

<u>Project for client PARTENA</u>

06/2013: Web application for managing employee data like timesheets, skills, tasks,...

- Partial Technical design, development and testing
- C#
- Entity Framework
- Linq
- ASP.NET 2.0
- Web API 2
- AJAX
- XML, XSL, JSON
- jQuery
- Bootstrap

Tools:
- Visual Studio 2015
- .NET Framework 4.5
- TFS
- Oracle 10g
- Moq
- PLSQL Developer

Duration:
 untill now

<u>Project for client NMBS</u>

10/2011 Batch console applications for processing train and personnel timetables

- Development, Testing, Documentation
- C#
- Linq
- WCF

Tools:
- Visual Studio 2008
- .NET Framework 3.5
- TFS
- MS Enterprise library
- Moq
- Oracle 10g
- SQL Developer

Duration:
15 months

Project for client AGENTSCHAP LANDBOUW & VISSERIJ

04/2011: Web application plugin for requesting government funding demands

- Development, Documentation
- VB.NET
- PL/SQL
- XML
- AJAX

Tools:
- Visual Studio 2005
- .NET Framework 3.5
- TFS
- Oracle 10g
- SQL Detective
- Telerik AJAX web controls
- Scrum on wall

Duration:
6 months

Project for client PARTENA

01/2011: Web application for displaying graphs and lists of employee statistics

- Partial Technical design, development and testing
- C#
- XMS, XSL, XSD
- ASP.NET 2.0
- AJAX

Tools:
- Visual Studio 2005
- .NET Framework 2.0
- Enterprise architect
- Visio
- Visual Sourcesafe
- Oracle 10g
- PL/SQL Developer
- XMLSpy
- Infragistics
- Fusioncharts
- AjaxControlToolkit

Duration:
3 months

Project for client ELECTRABEL

Windows smartclient application for gas dispatching
V1: 01/2008 Belgium, Fluxys & Distrigas Grid
V2: 07/2010 Netherlands, GTS grid

- Partial Technical design, development and testing
- C#
- Webservices
- ASP.NET 2.0
- WCF
- Multi tier
- Business objects
- Webservices
- PL/SQL
- XML, XSD
- UML

Tools:
- Visual Studio 2005
- Visual Studio 2008
- .NET Framework 2.0
- .NET Framework 3.5
- Rational Clearcase
- Clearquest
- Cruise Control
- VersionOne
- SQL Navigator
- Oracle 9i
- nUnit
- nAnt
- log4Net
- Rhinomock
- FXCop
- Microsoft Enterprise library 2007
- Resharper

Duration:
V1: 11 months
V2: 6 months

01/2009: Windows smartclient application for service team containing
  - *Log reader*
  - *Communicator*
  - *System & Performance Monitor*
  - *Service Manager*

- Technical design, development and testing
- C#
- multi tier
- PL/SQL
- UML

Tools:
- Visual Studio 2008
- .NET Framework 3.5
- WCF
- Enterprise Architect
- Rational Clearcase
- Cruise Control
- SQL Navigator
- Oracle 9i
- nUnit
- Rhinomock
- log4Net

Duration: 18 months

03/2007: Web applications for trading transactions

- Functional requirements, technical design, development and testing
- VB6
- VB.NET
- C#
- ASP
- ASP.NET 1.0/2.0
- Multi tier
- Business objects
- Webservices
- PL/SQL
- XML, XSD, HTML
- Active X
- UML

Tools:
- Visual Studio 2003/2005
- Visual Sourcesafe
- Oracle 9i
- SQL Navigator
- Infragistics web controls
- nUnit
- nAnt
- log4Net

Duration: 10 months

Project for client BELGACOM

06/2006: Middleware service architecture for connection between front end and OMS system

- Technical design, development and testing
- C++
- SQL
- Business objects
- XML, XPATH, XSL, HTML
- PL/SQL
- UNIX
- UML

Tools:
- HP UNIX
- Oracle 9i
- Tuxedo
- Rational Clearcase
- Rational Rose
- XMLspy
- SQL Navigator

Duration: 8 months

Project for client FORTIS BANK

01/2006: Web application for credit requests

- Technical design, development and testing
- ASP.NET 2.0
- C#
- Multi tier architecture
- Business objects
- T-SQL
- Stored procedures

Tools:
- Microsoft Visual Studio 2005
- Microsoft Visual Sourcesafe
- Microsoft SQL Server 2000
- Microsoft Enterprise Library 2006
- Infragistics web controls
- nUnit
- Resharper

Duration: 5 months

Project for client SODEXHO

12/2005: Middleware webservice for communication between two systems

- Technical design, development and testing
- ASP.NET 2.0
- C#
- IIS 5.1
- HTML
- XML
- XPATH
- XSL
- SSL, Client certificates

Tools:
- Microsoft Visual Studio 2005

Duration: 1 month

Project for client PLANTFOCUS

09/2005: E-commerce website for ordering plant labels in ASP.NET

- Development and testing
- ASP.NET
- C#
- (D)HTML
- Javascript
- Multi tier architecture
- Business objects

Tools:
- Microsoft Visual Studio 2003
- Microsoft Visual Sourcesafe
- SQL Server 2000
- Frontpage 2003
- nHibernate
- nUnit
- Resharper

Duration: 3 months

<u>Sylis</u>

<u>Project for client LUMIPAPER NV</u>

08/2005: Development of a web based complaint management application in ASP

- Development and testing
- ASP
- VB script
- IIS 5.1

Tools:
- Microsoft Visual Studio 2003

Duration: 1 month

<u>Project for clients PASSE PARTOUT and LUMIPAPER LTD</u>

01/2005: Development of framework database applications in VB.NET for complaint management and packing line automation (using the internal developed framework)

- Development and testing
- Multi tier development
- VB.NET
- ADO.NET
- Webservices
- SQL

Tools:
- Microsoft Visual Studio 2003
- Microsoft Visual Sourcesafe
- Caché database
- nUnit

Duration: 7 months

Internal project

02/2004: Development of a framework for database applications in VB.NET

- Development and testing
- Multi tier development
- VB.NET
- ADO.NET
- Webservices
- SQL

Tools:
- Microsoft Visual Studio 2003 (.NET)
- Microsoft Visual Sourcesafe
- SQL Server database
- Caché database
- nUnit

Duration: 11 months

Project for client SIMIM

01/2004: Conversion application for radio play list files

- Development and testing in Visual C++

Tools:
- Microsoft Visual C++ .NET 2002

Duration: 1 month

Project for client BANKSYS

06/2003: Banxafe home banking application

- Debugging and optimization in Visual C++
- Debugging and optimization in java
- Debugging of ASP
- Deployment package creation

Tools:
- Microsoft Visual C++ 6.0
- Microsoft J++
- Netbeans Java IDE
- Installshield pro 2000

Duration: 6 months

EADS:

Project for clients FOKKER SPACE and ROTAREX

02/2001: Configuration and installation of Smarteam PDM (Product Data Management) systems

- ER schema database design
- Smarteam RAD configuration
- Server installation and configuration
- Oracle installation and configuration

Tools:
- Smarteam PDM tool
- Oracle 8i database
- Windows NT4 and Windows 2000 workstation
- Windows NT4 and Windows 2000 server

Duration: 12 months

02/2001: Extra Smarteam PDM database customization

- application development in VB6
- Smarteam development in VBscript

Tools:
- Smarteam PDM tool
- Smarteam programming API
- Microsoft Visual Basic

Duration: 11 months

Philips:

09/1999: Teletext rendering driver for satellite receiver

- Philips TSA development in C

Tools:
- UNIX platform
- Clearcase configuration management system (UNIX and Win NT)
- Philips TSA technology
- PSOS real time operating system
- Philips trimedia processor boards
- Real time debugger
- Microsoft Visual C++ 5.0

Duration: 16 months

08/1999: Test tool for logging of processor activity during DVD authoring

- application development and testing
- Visual C++

Tools:
- Microsoft Visual C++ 5.0
- DVD authoring system

Duration: 1 month

02/1998: Test software and drivers for USB devices

- WDM driver development and testing in C
- application development and testing in Visual C++

Tools:
- Windows 98 SDK and DDK
- Microsoft Visual C++ 5.0
- Softice system level debugging tool
- CATC USB traffic test hardware

Duration: 18 months

09/1997: video control software for synchronous playback of 3 MPEG2 video boards connected to 3 television screens

- Development and testing
- C++

Tools:
- PC with 3 MPEG2 video boards
- SDK of the video boards
- Microsoft Visual C++ 5.0

Duration: 5 months

Other skills:

Driving license A+B

Languages:

	READING	WRITING	SPEAKING
Dutch:	very good	very good	very good
French:	good	good	good
English:	very good	very good	very good

Hobbies:

computer, web design, music
fitness, swimming, traveling