

Curriculum Vitae

Christian Resma Helle

Personal Information

Date of Birth:	May 23, 1982
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Blog:	https://christianhelle.com
Github:	https://github.com/christianhelle
Twitter:	https://twitter.com/christianhelle
Languages:	Danish – Fluent English – Fluent (Native) Filipino – Fluent in Tagalog (Native) and Cebuano

About me

Experienced Application and Systems Developer / Architect / Consultant specializing in Cloud, Mobility, and everything in between.

Extensive knowledge and around 20 years of experience with building software for multiple platforms and form factors. Built software that runs on Microsoft Azure, Windows Servers, Windows Desktops, Windows Embedded, Windows CE, Mac OS, Unix, Linux, iOS, Android, and a wide range of Web Browsers. Experienced in the aspects of software design, development, test, deployment, monitoring and instrumentation of various systems from small to large, commercial, industrial, and enterprise

Expertise:

Design, Architecture, Implementation, Testing, Deployment, and Instrumentation of Cloud and Mobile based Solutions

Credentials

Microsoft Most Valuable Professional (MVP) – [MVP Profile](#)
MVP ID – 5004822



Microsoft Certified Professional (MCP) – [Full transcript here](#)
MCP ID – 3708102



Certifications

Microsoft Certified Solutions Developer: App Builder
Microsoft Certified Solutions Developer: Windows Store Apps Using C#
Microsoft Certified Solutions Developer: Web Applications
Microsoft Certified Solutions Associate: Web Applications
Xamarin Certified Mobile Developer

Microsoft Certified Professional Developer: Windows Azure Developer
Microsoft Certified Professional Developer: Windows Developer 4
Microsoft Certified Professional Developer: Web Developer 4
Microsoft Certified Professional Developer: Silverlight Developer 4
Microsoft Certified Professional Developer: Windows Phone Developer
Microsoft Certified Professional Developer: Enterprise Application Developer
Microsoft Certified Professional Developer: ASP.NET Developer 3.5
Microsoft Certified Professional Developer: Web Developer
Microsoft Certified Professional Developer: Windows Developer
Microsoft Certified Professional Developer: Windows Developer 3.5

Microsoft Certified Technology Specialist: .NET Framework 4, Web Applications
Microsoft Certified Technology Specialist: .NET Framework 4, Service Communication Applications
Microsoft Certified Technology Specialist: .NET Framework 4, Windows Applications
Microsoft Certified Technology Specialist: .NET Framework 4, Data Access
Microsoft Certified Technology Specialist: Silverlight 4 Development
Microsoft Certified Technology Specialist: SQL Server 2008, Database Development
Microsoft Certified Technology Specialist: Visual Studio 2010 Team Foundation Server
Microsoft Certified Technology Specialist: .NET Framework 3.5, ASP.NET Applications
Microsoft Certified Technology Specialist: .NET Framework 3.5, ADO.NET Applications
Microsoft Certified Technology Specialist: .NET Framework 3.5, Windows Forms Applications
Microsoft Certified Technology Specialist: .Net Framework 2.0, Web Applications
Microsoft Certified Technology Specialist: .Net Framework 2.0, Distributed Applications
Microsoft Certified Technology Specialist: .Net Framework 2.0, Windows Applications
Microsoft Certified Technology Specialist: Windows Mobile 6.5 Application Development
Microsoft Certified Technology Specialist: Windows Mobile 5.0 Application Development

Professional Experiences

2020

SiteAssist



Responsible for all aspects of the software development life cycle of an app for monitoring workflows and equipment across multiple locations

Tools used:

Microsoft Azure, Visual Studio 2019, Xamarin, Azure DevOps, AppCenter

2019

Admin Gateway



Responsible for all aspects of the software development life cycle of a data administration system across products

Tools used:

Microsoft Azure, Visual Studio 2019, Azure DevOps

2019

FleetLogger



Responsible for all aspects of the software development life cycle of a Fleet Logging and Asset Management System running on Microsoft Azure with web and mobile apps

Tools used:

Microsoft Azure, Visual Studio 2019, Xamarin, Azure DevOps, AppCenter

2018

OpsAI Scanner



Responsible for all aspects of the software development process of the Windows and Unix scanner for the OpsAI system

Tools used:

Microsoft Azure, Visual Studio 2017, .NET Core, NMAP, Linux, FreeBSD, Azure DevOps, SQL Server

2018

KOS



Responsible for all aspects of the software development process for a Job Ordering system for the Energy sector running on Microsoft Azure

Tools used:

Microsoft Azure, Visual Studio 2017, .NET Core Web API, VSTS

2018



JUKE International

Responsible for all aspects of the software development process for the JUKE International Music streaming app

Tools used:

Visual Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Make, Teamcity, Google Cast

2017



GoogleCast Custom Receiver

Responsible for all aspects of the software development process for the GoogleCast Custom Receiver used by the Mjüz Platform

Tools used:

Microsoft Azure, Visual Studio 2017, ASP.NET Web API, GoogleCast Receiver SDK, Javascript, CSS

2017



JUKE DE

Responsible for all aspects of the software development process for the JUKE DE Music streaming app

Tools used:

Visual Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Make, Teamcity, Google Cast

2017



Lighten API

Responsible for all aspects of the software development process of a REST API for a personalized intelligent lighting control system running on Microsoft Azure

Tools used:

Microsoft Azure, Visual Studio Code, .NET Core Web API

2016 – 2019



ComArchive Compliance Engine

Responsible for all aspects of the software development process of a GDPR compliance monitoring engine on top Microsoft Exchange Server

Tools used:

Visual Studio 2017, WPF, Web API, SQL Server, Elastic Search

2018



JUKE NL

Responsible for all aspects of the software development process for the JUKE NL Music streaming app

Tools used:

Visual Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Make, Teamcity, Google Cast

2016



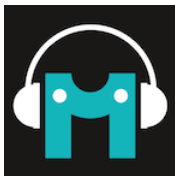
SwimCount

Responsible for all aspects of the software development process of a prototype app for analysing the result of a motility count test using image processing, pattern recognition, and color detection and comparison

Tools used:

Visual Studio 2015, Xamarin.Forms, AForge.NET, iOS, Android

2016 –2018



Mjüz

Responsible for all aspects of the software development process for Mjüz, the core technology for 24/7 entertainment streaming apps

Tools used:

Visual Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Make, Teamcity, Google Cast

2016 – 2018



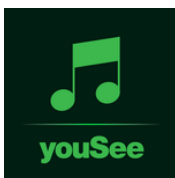
Telmore Musik v3

Responsible for all aspects of the software development process for the full re-write and re-design of the Telmore Musik streaming app using Xamarin

Tools used:

Visual Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Make, Teamcity, Google Cast

2015 – 2018



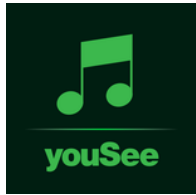
YouSee Musik v4

Responsible for all aspects of the software development process for the full re-write and re-design of the YouSee Musik streaming app using Xamarin

Tools used:

Visual Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Make, Teamcity, Google Cast

2014



YouSee Musik v3

Responsible for the maintenance and implementation of new features for the legacy YouSee Musik streaming app

Tools used:

XCode, iOS SDK, Bash, Teamcity

2014



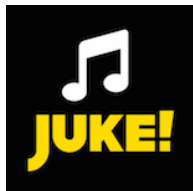
GIT123

Responsible for developer mentoring and assisting with the implementation a contact sharing system

Tools used:

Visual Studio 2015, Xamarin.Forms, EWS, SQL Server, Windows Phone, Android, iOS

2014 – 2015



JUKE!

Responsible for all aspects of the software development process of the JUKE Music streaming app

Tools used:

Visual Studio 2015, Xamarin Studio, XCode, iOS SDK, Android Studio, Android SDK, Bash, Teamcity

2013 – 2014



Supply Chain Management System

Responsible for all aspects of the software development process of a new mobile client and deployment system for an existing legacy Supply Chain Management system.

Tools used:

Visual Studio 2008, .NET Compact Framework 3.5, C#, C++, Windows CE, SQL Compact Code Generator

2012 – 2013



Game Designer for Training and Rehabilitation of Cerebral Palse

Responsible for all aspects of the software development process of a game designer for the training and rehabilitation of Cerebral Parase patients using the Xbox Kinect camera

Tools used:

Visual Studio 2015, WPF, WCF, Microsoft Azure, SQL Azure, Xbox Kinect SDK for Windows

2012 – 2013



PixelSense Surface Table App

Responsible for all the aspects of the software development process for creating the PixelSense solution for Silkeborg Tourism. The solution is designed for the 40" Samsung SU40 PixelSense table and will be used as a kiosk style application for tourists to find, print, share information about Silkeborg

Tools used:

Visual Studio 2010, WPF, Surface 2.0 SDK, Expression Blend

2012



Automated UI Tests

Proof of concept project on using TFS 2012. Responsible for design, implementation, and training on Coded UI testing using Visual Studio 2012 and integrating with TestComplete 9

Tools used:

Visual Studio 2012, TestComplete 9, TFS 2012

2012



TFS & Silverlight troubleshooting

Responsible for troubleshooting a Team Foundation Server 2008 installation and assisted with issues on a Silverlight based Fleet Tracking solution

Tools used:

Visual Studio 2010, Silverlight 4

2012



Windows Store App

Responsible for all the aspects of the software development process of the Rema1000 Windows Store App. Designed the application so that code and assets can effortlessly be reused in other platforms

Tools used:

Visual Studio 2012, XAML, C#

2012



My Sorting Game

Responsible for all the aspects of the software development process of My Sorting Game. Designed a Re-usable 2D game engine in which game assets can easily be swapped. The engine was designed in a way that it can be effortlessly reused to build other 2D games

Tools used:

Visual Studio 2012, XAML, C#

2012



Fun Clock - Lær Klokken

Responsible for all aspects of the software development process of the game Lær Klokken for Windows 8. Designed the 2D game engine, physics engine, implemented multilingual assets support while keeping the deployment package size as small as possible

Tools used:

Visual Studio 2012, Windows 8

2012



JUKE

Responsible for all the aspects of the software development process of the JUKE music application for Windows 8

Tools used:

Visual Studio 2012, Windows Runtime

2011 – 2012



TDC Play

Responsible for all the aspects of the software development process for the TDC Play application for Windows Phone 7

Tools used:

Visual Studio 2010, Expression Blend, Windows Phone 7, Silverlight

2011



BEKEY

Responsible for all the aspects of the software development process of an occasionally connected Windows mobile application that integrates with BEKEY devices for securely and wireless opening doors via Bluetooth

Tools used:

Visual Studio 2008, NETCF 3.5, Windows Mobile 6.5, Microsoft Bluetooth Stack, Widcomm Bluetooth Stack

2011



Maintenance Inspection Service (Mobile MIS)

Responsible for all the aspects of the software development process for the client application that integrates with SAP systems through a NetWeaver based middleware solution.



Tools used:

Visual Studio 2008, .NET Compact Framework 3.5, C#, Windows Mobile 6.5, MobFx, SQL Compact Code Generator

2010 – 2011



Food for Brains

Responsible for all the aspects of the software development process for a recipe book mobile application on 3 different platforms: Windows Phone 7, Android, and iOS. Designed a platform independent data model and implemented shared assets compatible with 3 different platforms

Tools used:

Windows Phone 7, Android, iPhone, Visual Studio, Silverlight, C#, Eclipse, Java, XCode, Cocoa Touch, Objective-C

2010



UdbudsVagten

Responsible for all aspects of the software development process a procurement watcher app for Windows Phone 7

Tools used:

Visual Studio 2010, Expression Blend 4, Windows Phone 7, Silverlight

2010



Continuous Integration

Responsible for optimizing the build performance of a largescale project. Managed to bring a 1-hour CI build down to 5 minutes.

Tools used:

Visual Studio 2010, MSBuild, Team Foundation Server

2010



Forbruger-Kontakt

Responsible for providing mentoring and consulting service on porting a J2ME application to a Windows Mobile based solution for opening and locking doors via a Bluetooth device

Tools used:

Visual Studio 2008, Eclipse, J2ME, Windows Mobile 6.5, .NET Compact Framework 3.5

2010



Scan Global Logistics

Responsible for all the aspects of the software development process for designing an offline stock picking application for an offshore warehouse

Tools used:

Visual Studio 2008, .NET Compact Framework, Windows CE 5, Windows Mobile Device Center

2010

Label Center



Responsible for all aspects of the software development life cycle for an online label printing application that caters to small business who sell products to larger enterprises that require strict label print specifications

Tools used:

Visual Studio 2010, ASP.NET AJAX, SQL Server 2008

2009 –2010

Voice Gateway



Responsible for all aspects of the software development life cycle for a configurable gateway service for VoCollect Voice Picking applications to communicate with warehouse management systems. The application translates the look-up table requests sent from the Voice Picking device and forwards the request to a WMS service and translates the response back to a format that the voice picking device expects

Tools used:

Visual Studio 2008, SQL Server 2008, ASP.NET, AJAX Control Toolkit, Entity Framework, Dynamic Data Web

2009 – 2010

Warehouse Management System



Responsible for all aspects of the software development life cycle for a complete logistics and warehouse management system that tracks items from the production to delivery. The system integrates with an existing automated storage facility called Shark by SwissLog and the ERP system Movex

Tools used:

Visual Studio 2008, Pocket PC 2003, Windows Mobile 5, Windows Embedded XP, Windows Server 2008, SQL Server 2008, ASP.NET Web Services, WCF Services, DevExpress WinForms Components

2009

Label Print Management



Responsible for all aspects of the software development life cycle for a central repository for labels and management tool for label print operators for controlling the automated printing of labels. The solution includes a print server for automating label printing and integrating with the current solution provided by WeightPack.

Tools used:

Visual Studio 2008, Entity Framework, SQL Server 2008, CodeSoft RFID Enterprise, DevExpress WinForms Components

2008

Intermec RFID Managed API



Responsible for all aspects of the software development life cycle for a managed wrapper over the Intermec RFID scanner interface for targeting both large and portable RFID scanners to be used in a production line.

Tools used:

Visual Studio 2008, .NET Framework 3.5, .NET Compact Framework 3.5, C++, Intermec RFID SDK, Windows Mobile 5

2008

Office 2007 Integration



Consultant responsible for upgrading an existing Office XP/2003 COM Add-In to an Office 2007 Add-In solution

Tools used:

.NET Framework 3.5 SP1, Visual Studio 2008 Team Suite, Visual Studio Tools for Office 3.0, Word 2007, Excel 2007, PowerPoint 2007, Outlook 2007

2008

Custom TFS Reports



Consultant responsible for designing custom reports for the Team Foundation Server

Tools used:

Visual Studio Team System, Team Foundation Server, SQL Server 2005, SQL Server 2005 Reporting Services

2008

Thermal Comfort Manager



Responsible for all the aspects of the software development process of the new features and fixes for an existing Thermal Comfort Manager application for the Thermal Comfort Temperature data logger instrument

Tools used:

Visual Studio 2005, .NET Framework 2.0, SQL Server 2005

2008

MS Word 2008 Add-in



Consultant responsible for mentoring developers on using .NET for developing and creating deployment projects for add-ins to Microsoft Word 2008.

Tools used:

Visual Studio 2008, .NET Framework 3.5, Visual Studio tools for Office, Windows Installer

2008

Microsoft Dynamics Mobile Framework



Responsible for all the aspects of the software development process for developing High DPI support for the Dynamics Mobile Framework UI Components. Other responsibilities include drawing performance optimization, sub classing framework design, and mentoring over windows mobile development.

Tools used:

Visual Studio 2008, .NET Compact Framework 3.5, Windows Mobile 5.0 Platform SDK, Dynamics Mobile Framework

2008

Bartolome Röder AG - Mobile Warehouse Client for Siemens



Consultant responsible for providing a set of workshops together with Microsoft for Bartolome Röder AG on developing Windows Mobile based solutions using the Dynamics Mobile Framework



Tools used:

Visual Studio 2005, .NET Compact Framework 2.0, Dynamics Mobile Framework 1.1, Dynamics Mobile Sales, SQL Server 2005, SQL Server 2005 Merge Replication, SQL Server Compact Edition, Dynamics NAV 4.0, Windows Mobile 6 SDK, Datalogic Windows CE SDK, Windows Server 2003, IIS



2008

Email Dispatcher



Responsible for all the aspects of the software development process for creating an email dispatcher service for retrieving all file attachments from a mail server and saving them to a network share.

Tools used:

Visual Studio 2008, .NET Framework 3.5, Windows Server 2003, Exchange Server 2003

2008

Garmin Mobile XT Integration



Responsible for all the aspects of the software development process for a .NET Compact Framework managed wrapper to the Garmin Mobile XT SDK for Windows Mobile platforms.

Tools used:

Garmin Mobile XT SDK, eMbedded Visual C++ 4.0, Visual Studio 2008, .NET Compact Framework 2.0, Pocket PC 2003 SDK, Windows Mobile 6 SDK

2008

Mobile Application Group - Sales Assistant for Würth



Responsible for all the aspects of the software development process for a Visually Enhanced Windows Mobile User Interface. The end-product is integrated with a Mobile Sales solution based on the Microsoft Dynamics Mobile Framework.

Tools used:

Visual Studio Team System, .NET Compact Framework 2.0, Windows Mobile 6.0 SDK, Dynamics Mobile Framework 1.1

2008

TimeTracker Web



Responsible for all the aspects of the software development process of a hosted Time and Material registration web application. The system integrates with e-economic and was designed to integrate with other 3rd party enterprise systems

Tools used:

Visual Studio 2008 Team Suite, .NET Framework 3.5, ASP.NET 3.5, AJAX Control Toolkit, SQL Server 2005, SQL Server 2005 Reporting Services, Economic API

2007

Inspection Log



Responsible for all the aspects of the software development process for a mobile base solution for creating inspection reports in an occasionally connected environment using a customized version MCSF Disconnected Services Agent.

Tools used:

Visual Studio 2008, .NET Compact Framework 3.5, Mobile Client Software Factory, Windows Mobile 6.0 SDK, SQL Server Compact Edition 3.5, SQL Server 2005, ASP.NET 2.0 Web Services, XML, IIS

2007

TimeTracker Mobile 2.0



Responsible for all the aspects of the software development process for a mobile time tracking application for the Pocket PC and Smartphone.

Tools used:

Visual Studio 2008, .NET Compact Framework 2.0, Mobile Client Software Factory, Windows Mobile 6.0 SDK, Microsoft Dynamics NAV 4.0, Microsoft Dynamics AX 4.0 SP2, Visma Business, ASP.NET 2.0 Web Services, XML, IIS

2007

Mobile Sync Tool



Responsible for all the aspects of the software development process for a mobile database synchronization tool

Tools used:

Visual Studio Team System, .NET Framework 2.0, SQL Server Compact Edition, MS Access 2007, ActiveSync, Windows Mobile Device Center, Remote API

2007

Mobile Inspection Log



Responsible for all the aspects of the software development process for a mobile solution for creating inspection reports on a mobile device in an occasionally connected environment using a customized version of the MCSF Disconnected Services Agent.

Tools used:

Visual Studio Team System, .NET Compact Framework 2.0 SP2, Mobile Client Software Factory, Windows Mobile 5.0 SDK, SQL Server Compact Edition, SQL Server 2005, MS Access 2007, ASP.NET 2.0 Web Services, XML, IIS

2007

Time Tracker for SmartPhone



Responsible for all the aspects of the software development process for a mobile time tracking application for the Microsoft Windows Mobile for SmartPhones (not PocketPC).

Tools used:

Visual Studio Team System, .NET Compact Framework 2.0 SP2, Windows Mobile 6.0 SDK, SQL Server Compact Edition, SQL Server 2005, ASP.NET 2.0 Web Services, XML, IIS

2007

Asset Tracker Mobile



Responsible for all the aspects of the software development process for a mobile asset management system.

Tools used:

Visual Studio Team System, .NET Compact Framework 2.0 SP2, Symbol SDK, Intermec Development Library, Windows Mobile 5.0 SDK, SQL Server Mobile, SQL Server 2005, ASP.NET 2.0 Web Services, XML, IIS

2007

VSTS Workshops



Consultant responsible for preparing and presenting an advanced set of courses on Extending the Visual Studio Team System and 3rd party tools for the Visual Studio Team System



Topics Discussed:

TFS Event Subscriptions, Visual Studio Integration Partner SDK, Creating Custom Check-in Policies, Querying directly to the TFS Databases, TFS Bug Snapper, TfsAlerts, TFS Permission Manager, Attrice Team Foundation Sidekicks

2007

TimeTracker for PocketPC



Responsible for all the aspects of the software development process for a mobile time tracking application for the Pocket PC

Tools used:

Visual Studio Team System, .NET Compact Framework 2.0 SP2, Windows Mobile 5.0 SDK, SQL Server Compact Edition, SQL Server 2005, ASP.NET 2.0 Web Services, XML, IIS

2006 - 2007

Microsoft Dynamics Mobile Framework



Responsible for all aspects of the software development life cycle for the Microsoft Dynamics Mobile Framework.

Tools used:

Visual Studio Team System, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, Mobile Client Software Factory, Mobile Application Framework, SQL Server Mobile, XML, Intermec Developer Library, Symbol Mobility Developer Kit

2006

Website



Project manager and coordinator responsible outsourcing a website to freelance developers and graphic artists from Manila, Philippines

2006

Mobile Communicator



Responsible for mentoring and all aspects of the software development life cycle for the CepaCom Mobile Communicator project

Tools used:

Visual Studio Team System, Visual Studio 2003, .NET Compact Framework 2.0, .NET Compact Framework 1.0, Windows Mobile 5.0 SDK, Windows CE Platform SDK, Smart Device Framework, Pocket PC Platform SDK, SQL Server Mobile

2006 – 2007

Mobile Time Tracker



Responsible for all aspects of the software development life cycle for a mobile time tracker and mileage log application for the Pocket PC. Written using Microsoft's upcoming Mobile Application Framework ("TaskPad")

Tools used:

VSTS, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, Mobile Client Software Factory, Mobile Application Framework, Mobile Business Integration Server, SQL Server, Navision 4.0, ASP.NET 2.0 Web Services

2006

STS Smart Solution Project



Responsible for mentoring and all the aspects of the software development process for the STS Smart Solution project.

Tools used:

Visual Studio 2005, Visual Studio 2003, .NET Compact Framework 2.0, .NET Compact Framework 1.0, SpringCard Pocket PC SDK, SQL Server Mobile

2006

Tag Launcher



Responsible for all the aspects of the software development process for the Tag Launcher application

Tools used:

Visual Studio 2005, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, Windows CE Platform SDK, Softwired iBus Mobile 6.0, XML

2006

easyPDA Web Shop



Project manager and coordinator responsible outsourcing a website to freelance developers and graphic artists from Manila, Philippines

Tools used:

Visual Studio 2015, SQL Server 2015, WordPay (Payment system)

2006

easyTrip 2.4



Responsible for all the aspects of the software development process for an upgraded version of the easyTrip application. Includes full support and optimization for Windows Mobile 5.0 devices. Added support for multiple Navigator applications.

Tools used:

Visual Studio 2005, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, State and Notification Broker API, XML, TomTom NAVIGATOR™ 5 Microsoft Excel, VBA, ActiveSync, COM, Windows Installer

2006

easyPDA 2.4



Responsible for all the aspects of the software development process for an upgraded version of the easyPDA (formerly known as easyPal) application

Tools used:

Visual Studio 2005, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, Windows CE 5.0 Platform SDK, Pocket Outlook, XML, Windows Installer, Windows Platform SDK, ActiveSync, TomTom NAVIGATOR™ 5, GenericNavigator .NET

2006

Thermal Comfort Manager



Responsible for all the aspects of the software development process of the Thermal Comfort Manager application for Thermal Comfort Temperature data logger instruments

Platform:

Visual Studio 2005, .NET Framework 2.0, SQL Server Express

2006

Tanker Inspection



Responsible for all aspects of the software development life cycle for a web-based tanker inspection system.

Platform:

Visual Studio 2005, .NET Framework 2.0, ASP.NET, SQL Server

2006

easyNavigator



Responsible for all aspects of the software development life cycle for a navigation system for the Pocket PC

Tools used:

Visual Studio Team System, Sygic MapNow SDK, Windows Mobile 5.0 SDK, Pocket Outlook, XML

2006

easySafe



Responsible for all aspects of the software development life cycle for a password management application for the Pocket PC

Tools used:

Visual Studio 2005, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, XML

2006

Mobile Application Group



Responsible for all aspects of the software development life cycle for the Mobile Sales Assistant and Mobile Business Assistant projects. Involved in the framework design and UI controls of TaskPad

Tools used:

.NET Compact Framework 2.0, Windows Mobile 5.0 SDK, TomTom Pocket PC SDK 5, SQL Server Mobile, Mobile Application Framework, Mobile Client Software Factory, Pocket Outlook, XML

2005

Mobility Project Proof of Concept



Responsible for all aspects of the software development life cycle for creating a set of mobile applications that can log in remotely into their system, scan barcodes, upload barcode information in real time, retrieve device information, launch applications, and retrieving user signature.

Tools used:

Visual Studio 2005, .NET Compact Framework 2.0, Windows Mobile 5.0 SDK, Pocket PC Platform SDK, IIS, MSMQ, SQL Server 2005 Mobile, XML

2005

Telephony API



Responsible for all aspects of the software development life cycle for a distributable .NET wrapper to the Windows CE Phone API, SMS API, and the Windows CE Database functions

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, Pocket PC Platform SDK, eMbedded C++ 3.0

2005

GPS Logger



Responsible for all aspects of the software development life cycle for a distributable GPS logger. Features include a multiplex Windows CE Driver, logging GPS information (latitude, longitude, speed, and direction) to a file, error and Dilution of Position logging, signal checking, driven distance calculation in meters and kilometres.

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, eMbedded C++ 3.0, Pocket PC Platform SDK, TomTom NAVIGATOR for Pocket PC SDK

2005

Today Screen Library



Responsible for all aspects of the software development life cycle for a distributable Pocket PC today screen applet.

Tools used:

eMbedded C++ 3.0, Pocket PC Platform SDK

2005

easyPal



Responsible for all aspects of the software development life cycle for an all-in-one PDA application that simplifies usage of the PDA.

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, eMbedded C++ 3.0, Pocket PC Platform SDK, Pocket Outlook, XML, Windows Installer, Windows Platform SDK, ActiveSync, TomTom NAVIGATOR™ 5

2005

easyTrip



Responsible for all aspects of the software development life cycle for a Mileage Tracking application for the Pocket PC.

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, eMbedded C++ 3.0, Pocket PC Platform SDK, XML, TomTom NAVIGATOR™, Microsoft Excel, VBA, ActiveSync, COM, Windows Installer

2005

TripTrack for TomTom NAVIGATOR™ 5



Responsible for all aspects of the software development life cycle for a Mileage Tracking System for the Pocket PC.

Tools used:

eMbedded C++ 3.0, MFC for Windows CE, Pocket PC Platform SDK, ActiveSync, COM, Windows Platform SDK, Microsoft Excel, VBA, TomTom NAVIGATOR™ 5, Windows Installer

2005

DanTrack FleetPocket



Responsible for all aspects of the software development life cycle for an all-in-one PDA application that simplifies usage of the PDA in a Fleet Tracking scenario. Features Navigation tools, Telephone functions, SMS/Email functions, and menu-based shortcuts to system functions

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, eMbedded C++ 3.0, Windows Installer, Win32 Platform SDK, ActiveSync, TomTom NAVIGATOR™ 5

2005

FleetTask



Responsible for all aspects of the software development life cycle for a mobile task management application

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, eMbedded C++ 3.0, Pocket PC Platform SDK, TomTom NAVIGATOR™ 5, XML, Windows Installer, ActiveSync, Windows Platform SDK

2005

eTrust PestPatrol Popup Window (Scumware)



Responsible for all aspects of the software development life cycle for the eTrust PestPatrol popup window reminder distributed by MySecurity Center.

Tools used:

Visual Studio 2003, C++, Win32 Platform SDK

2005

Service Manager



Responsible for all aspects of the software development life cycle for a PDA application for retrieving tasks and features navigation functions

Tools used:

Visual Studio 2003, .NET Compact Framework 1.0, eMbedded C++ 3.0, Pocket PC Platform SDK, TomTom NAVIGATOR™ 3, XML, Windows Installer, ActiveSync, Win32 Platform SDK

2005

Creative Labs - MultiLauncher



Responsible for all aspects of the software development life cycle for the Creative Labs MultiLauncher installer distributed by Creative Labs

Tools used:

Visual Studio 2003, C++, Win32 Platform SDK

2004

Membership and Feedback system



Responsible for all aspects of the software development life cycle for re-designing, implementing, and deploying a Member Seminar Signup and Feedback system with an administrative interface for the information officer.

Tools used:

Windows Server 2000, MS SQL Server 2000, IIS, ASP, Visual Basic, ADO

2004

Asian Institute of Management



Responsible for all aspects of the software development life cycle for a Banking and Finance research centre administration system

Tools used:

Windows Server 2000, MS SQL Server 2000, IIS, ASP, Visual Basic, ADO

2003

Campañero Dental Clinic and X-Ray Services

Responsible for all aspects of the software development life cycle for a patient tracking system and Complaint history archiving system

Tools used:

Windows NT, MS SQL Server 7, Visual Studio .NET, Crystal Reports

2002

SJL Supply Chain Management

Responsible for all aspects of the software development life cycle for a prototype supply chain management

Tools used:

Linux, Qt, C++, MySQL

2001

SJL Payroll

Responsible for all aspects of the software development life cycle for a prototype payroll system

Tools used:

Linux, Java, MySQL

1999 – 2003

Trainer and System Administrator



Responsible for technical training and system administration for an IT and software development training institute.

Technologies used:

Windows NT, Linux, C#, Qt3, C++, Java, MS SQL Server, MS Access, MySQL, PostgreSQL, Apache, IIS

1997 – 1998

Password Protection System

Responsible for all aspects of the software development life cycle for a DOS based login system. **First ever deployed project** to protect my high school computers from being used without permission

Tools used:

Turbo Pascal 7, Turbo C++, MS DOS 6.22

Speaking Engagements

Oct 2015

Campus Days 2015



[Visual Studio 2015 Tips and Tricks](#)
(level 300)

A fast-paced walkthrough of how to get the most out of Visual Studio and what's new in the upcoming Visual Studio 2014. This presentation will mainly be focused on the C# language using the Visual C# keyboard mapping.

Show some old but useful gems in Visual Studio as well as new stuff in Visual Studio 2014, which might be useful for developers.

Oct 2014

Campus Days 2014



[Cross Platform Development](#)
(level 300)

Take advantage of existing .NET and C# knowledge to build apps for Android and iOS apps using Xamarin and Visual Studio. In this talk we will cover the tools you need to get started, learn how stuff works, learn how to share code and resources across the platforms, learn how to use Portable Class Libraries with Xamarin, the new Xamarin Forms, and how to share the same UI code for iOS, Android, and Windows platforms.

Show how it is possible to use C#/.NET and one code base for developing for more mobile platforms.

May 2014

Danish Developer Conference 2014



Cross Platform Development using Xamarin

An in-depth talk about doing native cross platform development using Xamarin. This talk covers how Xamarin works and the differences technical and development experience differences between iOS and Android

Nov 2012

Campus Days 2012



[Visual Studio 2012 Tips and Tricks](#)
(level 300)

A fast-paced walkthrough of how to get the most out of Visual Studio 2012. In this session, we will go through the solution explorer, search, window management, code editor, debugging windows, and most important of all keyboard shortcuts, shortcuts. This presentation will mainly be focused on the C# language using the Visual C# keyboard mapping.

Feb 2012

Danish Developers Conference



[Windows Phone and HTML5](#) (Level 300)

A session on the HTML5 features of the Windows Phone 7 platform. In this session I will cover Creating HTML5 mobile websites, Native applications using HTML5 content, Integrating HTML5 in a Silverlight application, and finally integrating HTML5 and platform specific features of Windows Phone 7

Nov 2008

Extending Visual Studio Team System 2008



Presented a technical seminar about the Visual Studio 2008 SDK and how to extend Visual Studio to improve the developer experience and team collaboration. Topics discussed where the Work Item Tracking Object Model, the Event System, and how to Create Check-in Policies.

Nov 2008

Application Lifecycle Management using Team System



Co-presented a half day seminar on Application Lifecycle Management using the Visual Studio Team System with the Team Foundation Server. Discussed the features included out of the box in Visual Studio Team System and how to generate customized more detailed reports

Sept 2008

Visual Studio 2008 Test Edition



Presented a technical seminar about the Visual Studio 2008 Test Edition. Topics discussed include the new unit testing, web testing, load testing, and performance testing features of Visual Studio 2008 Test Edition

Feb 2008

Microsoft Dynamics Partner Solutions Day - Odense



Presented the Commentor TimeTracker and the Commentor Mobile Inspection Log which is a solution designed for quality assurance and control for field workers

Feb 2008

Microsoft Visual Studio 2008 Online Launch - Denmark



[Smart Device Unit Testing in Visual Studio Team System](#) (Level 300)

This webcast provides an introduction on how to write and execute unit tests targeting smart devices using Visual Studio 2008. It demonstrates how Visual Studio 2008 can help a user automatically generate unit tests for your classes and methods and how to run/debug them.

Nov 2007

Microsoft Development Center Copenhagen – TechFest 2007



Presented a Time, Material, and Mileage registration application called the TimeTracker and the DONG Energy Inspection Log solution.

Oct 2007

Microsoft Dynamics Convergence 2007 – Copenhagen



Guest speaker for the session "MOB102: Extending Your Microsoft Dynamics Solution Through Mobile Applications"

Demonstrated a solution that features one handed navigation or thumb navigation design, graphic art, performance, and the integration with Microsoft Dynamics NAV

Open Source Projects

[ATC.NET](#)

A collection of developer tools targeted for backend development and building data platforms

[AutoFaker](#)

A Python library designed to minimize the setup/arrange phase of your unit tests by removing the need to manually write code to create anonymous variables as part of a test cases setup/arrange phase

[AppCenterExtensions](#)

A set of convenience classes and extension methods to simplify Crash Reporting and Analytics using AppCenter

[REST API Client Code Generator](#)

A collection of Visual Studio custom tool code generators for Swagger / OpenAPI specification files.

[ResW File Code Generator](#)

A Visual Studio Custom Tool for generating a strongly typed helper class for accessing localized resources from a ResW file.

[SQL Compact Query Analyzer](#)

A fast and lightweight tool for querying and manipulating SQLCE databases. This tool supports SQLCE versions 3.0, 3.1, 3.5 and 4.0

[SQL Compact Code Generator](#)

A visual studio custom tool for generating a simple data access layer providing create, read, update, and delete operations for all tables in the database. A stand-alone console is also provided if one wishes not to use the custom tool

[Chris' Puzzle Game](#)

A simple puzzle game engine written in the .NET that runs both in the full framework, compact framework, and XNA. The game engine supports image scrambling, smooth puzzle piece transitions, high scores, and previewing the original image

[Pocket News](#)

Newsgroup reader for Windows Mobile devices. Supports subscribing to multiple newsgroups, data caching, posting new messages, replying to groups, multiple screen resolutions, and orientation awareness.

[Mobile Device Framework](#)

A collection of utility classes, factories, wrapper classes, controls, design patterns helpers, and other components designed to be reusable throughout any project

Personal Interests

Music (Transcribing, Production, Playing), Barbeque, Smoking meats, Coffee roasting, Manga and Anime