
Summary: Over 20 years creating mostly commercial Windows and Pocket PC software products, as a contractor and a full time employee, working alone, in teams, and as team lead.

Work History

Feb 2006 – present **Kodak**
Bluetooth, VC++, MFC, Win32, XML based web interfaces

Full/part time consultant creating Windows based software to work with next-generation Kodak digital imaging hardware and KODAK EASYSHARE Gallery online service.

Sept 1998 – Feb 2006 **Access Softek**
VC++, MFC, Win32, eVC++, Code Warrior, CE, Pocket PC, Palm, HTML, javascript, WiFi, WISPr, VPN, DRM, some SQL

Full time employee with occasional part time patches. Worked alone and in teams, and led teams, to create a variety of mostly commercial Windows, Pocket PC, and server based products for our clients, as well as writing proposals, specs, project plans, and other documentation, and meeting with prospective clients.

summer 2001, spring 2003 **Nearspace**
eVC++, VC++, Code Warrior, Pocket PC, Palm, porting

While part time or on unpaid leave during hard times at Softek, contracted with Nearspace to port their Palm based Guide software to the Pocket PC and then to Windows.

1995 - Aug 1998 **Socratic Software**
VC++, MFC, Delphi, Borland C++

Part time and full time contract programmer for this marketing research firm. Created *VisualQ*, a wysiwyg computer driven survey authoring tool.

1996, 1997 **Aristacom International**
C++, CTI, OWL, Visual Age, TSAPI

Part time consultant for telephony software developer.

1985-1990, 1994-1995 **Basic Systems Applications**
Delphi, C++, OWL, zApp, 8086, TSRs

Full time and part time consultant, on and off, creating text processing software for commercial sale and in-house use in BSA's legal services business.

1994-95 **California Family Law Report**
C++

Wrote the Executioner app as a part time contractor.

1990 - 1993 **Enable Software, The Higgins Group**
C, C++, e-mail, database

Full time employee of this major e-mail/groupware software developer in the days when proprietary e-mail systems roamed the earth.

1984 - 1986 **Dynamical Systems Research**
C, 8086, operating systems

Worked part time for DSR on Mondrian (see description to the right) until the company's acquisition by Microsoft, Inc.

Major Products and Projects

Infonet MobileXpress dialer – Added VPN and Wi-Fi support to existing Windows based dialer, including the implementation of HTTP/HTTPS based authorization protocols (such as WISPr) for various commercial Wi-Fi networks.

Franklin Covey Planner and PlanPlus – Pocket PC software implementing Franklin Covey's time management system on top of Pocket Outlook.

OmniSky for Pocket PC – Software allowing the user to more efficiently interact with online content from a PDA. For example, you can highlight contact info on a web page and automatically parse it and add it to Contacts, or you can click and hold on a Contact to get a map of its location.

Microsoft Money 1.0 for Pocket PC – Wrote the initial version in loose sync with another member of Access Softek who was creating the H/PC version.

OFX Server for Investments – Technical lead for a team implementing an OFX Server supporting Investments for a major high end brokerage.

Pocket PC Winsock Interceptor – A module that intercepts all Winsock calls on a Pocket PC. (Not as easy as one might think!)

Guitar Vision – Led the team that created this application that animates the fretboard fingerings and guitar techniques for specific songs the user wishes to learn. Also developed the DRM mechanism used for purchased song files.

DoubleLauncher – Pocket PC utility that allows up to four programs or special functions to be assigned to each hardware button, launching on a press of the button, a double press, a press-and-hold, and a double press-and-hold.

Touch Keyboard – Full screen Pocket PC software keyboard.

Nearspace Guide – Created the Pocket PC and Windows versions of the Nearspace event and venue mapping client.

VisualQ – A Windows based computer driven survey authoring tool allowing visual wysiwyg design of sophisticated flows of control and data.

Conference Manager – Windows telephony app that automated the process of creating conference calls.

Executioner – Used by family courts to calculate interest accrual and penalty fees in child support cases.

Higgins Exchange 2.0 and HNS 1.0 – Exchange was the central mail delivery agent for the Higgins e-mail and group productivity suite. HNS synchronized directory information across domains.

Mondrian – Worked on parts of this windowing multitasking OS shell and wrote demo apps that ran under it.