E. Thomas Karasch III – Software Developer

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Professional Experience

11/2015 – 1/2017 Owner and Software Engineer, TomTek Development www.tomtekdev.com Roswell, GA
Consulting company for Small Business Responsive Web and App Development, Network Client/Server and Databases. We specialize in Website upgrades to modern, Responsive Design for optimal user experience, on multiple client platforms, to increase Business.

3/2016 – 11/2016 R&D Software Developer, Horizon Software Corp. www.horizonsoftware.com Duluth, GA
- SDLC of **One Source** application software: Visual Basic .NET, Agile/Scrum, Entity Framework, SQL Server and TFS.
- Created non-modal print forms for **One Source**, Crystal Reports in a strictly modal program.

9/2006 – 11/2015 Software Engineer (full-time at home 2007-2015), SQData Corp. www.sqdata.com Roswell, GA & Dallas, TX
- 2012-2015: Engineered and Developed Web replacement of VB.NET app for Full Stack LAMP environment and Web Help.
- Developed a 250,000+ line VB.NET application for internal and client use, multiple versions of IDE, Database and Help.
- Built HW/SW Workstations, servers, and network (Win XP, 7 & 10), MS Access, MS SQL server, Oracle, DB2 and MySQL.
- Deciphered SQL server transaction log by writing a program to help. Used for CDC and ETL processing.
- Multi-Versioned VB.NET App for a third-party vendor, including all graphics and Help files.
- Added LaSalle AddFlow wire diagramming for VB.NET and LAMP for ease of understanding and CDC/ETL diagramming.
- Installed and configured new full-featured phone system in Atlanta Office. (now shutdown)

6/2002 – 9/2006 PC and Network, Construction Inspection, Self-Employed/IT/Mgmt. Albany, NY and Atlanta, GA
IT: Installed new servers and POS for Applebee's Restaurants; Built tax office network; Law office IT; Custom PC builds.
Other: Restaurant Manager Marietta, GA 6yrs; Construction Inspector RPI Bio-Tech Center Troy, NY 6mo.

6/1999–6/2002 PC/LAN Admin/Support, Railcar Mgmt./G.E. transportation https://www.getransportation.com Atlanta, GA
- Updated all PC hardware and software during 30% increase in company revenue and Y2K conversion.
- Purchased, Built, Installed, Maintained, asset Managed all company PCs/Laptops for WinNT/Win2000 network.
- Network Admin: MS Exchange, MS SQL7, Intranet, Internet, AS/400, VPN, Novell, TCP/IP, Win98, Win2000, etc.

1998–6/1999 Computer Consultant, Excel Technical Services www.excelsearch.com Atlanta, GA
- 1/99 to 5/99 System Admin for Quintiles, Inc. Atlanta Office. Normally staffed by 2 people.
- 1998 PC/LAN support: Novell, SMS, NT, Ethernet, Token-Ring, RAS, VPN. Merck, Nextel and State of Georgia.

1996–1998 Computer Consultant to Mobile Solutions of MCI, Comsys Technical Services   Atlanta, GA
- Completed UAT ThinkPad 380 laptops, national deployment of Seibel Sales software at 8 US sites.
- Completed UAT, Pilot and Internet deployment of MS Office 97, e-mail conversion and DHCP nationwide.
- Upgraded all laptops company-wide from Win3.11 to Win95 and all e-mail to Outlook (approx. 6000 nationwide).

1993–1995 Project Manager, Estimator, Field Inspector, Laboratory Manager, Draftsman, Surveyor for various General Contractors, Engineers, Testing Laboratories and General Contractors in **Albany, NY and Syracuse, NY**

Professional Skills

Software Development: IDE: MS Visual Studio 2003-2017, Eclipse, Aptana. **Current Languages (years):** OO (10+), Visual Basic.NET/ VB.NET (10+), ODBC (10+), HTML(10+), XML (10+), SQL (10+), API (10+), AdFlow (3+), CSS (3), JavaScript (3+), PHP (3+), dHTMLx(3+), SOAP(3+), RESTful(3+), JSON(3+), AJAX(3+), jQuery(3+), Entity Framework EF (1+), Crystal Reports (1+), C# (1), ASP.NET (1), MVC (1), Azure (1), Bootstrap (1), Razor (1), Responsive Design(1) **Databases:** SQL Server (10+), MS Access (10+), MySQL (4+), Oracle (2+), DB2 (2+) **Older Languages:** BASIC, Pascal, C, COBOL, Fortran 77, VAX Assembler, Lisp, Prolog. **Version Controls:** TFS, Git, SVN
Software SDLC: Agile/Scrum, Design, Development, Programming, Integration, Deployment, Documentation, Training and Support.
Management: Project Management, Product Management, Personnel Management, Business Management.
Hardware/OS: PC, Server, Laptop and Network. MS Server OSs, Exchange Server, SQL Server, MS IIS, Apache Server, MS ISA Server, Mail, Ethernet Network Hardware and configuration: TCP/IP, DNS, DHCP, WINS, VPN, Novell, Router configuration and Domains.
Workstation Software setup and use: All Windows workstation operating systems, Office Suites, Graphics Suites, Accounting, Sales, Law Software, Messengers, Terminal Emulators (3270, Unix, AS/400, etc.), Multimedia/HW interfaces, Drivers.
Network Admin: Windows NT, 2000, 2003 Server/Network admin: Active Directory AD, Installs, VPN and Dial-in. Novell Networks.

Education and Training

Currently Training (no pro. experience): ASP.NET/ C# for MCSD, Also: Angular.JS, Node.JS **1999–2003** MCSE (Win2000) and CCNA.
1995–1996 SUNY at Cobleskill, NY   **see note B.Tech.**, **Ag.Bus./IT**   **All required credits earned, IBM Internship approved by advisor and Dean. Degree denied after the fact because internship was "Not Agriculturally based." (Dean and my advisor had retired)
1992–1994 SUNY   Undergraduate Computer Science. **Albany, NY**
1985–1988 Clarkson University   Undergraduate Civil Engineering and Computer Science. **Potsdam, NY**
1984 Cobleskill HS, Regents Diploma and scholarship   Cobleskill, NY
1982–1983 Rotary Club International Exchange Student to Maungaturoto, New Zealand (1 year)