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SUMMARY

High level technical instructor/trainer with extensive background in programming, technology, and electronics. Solid VB and Web experience enhanced with hands-on .NET skills. Communications, interpersonal, technical and business skills refined working from the “engineering cubical” to the front of a classroom. Outstanding and motivational presentation skills. Able to teach complex topics to varied audiences – from novice users to seasoned programmers. Taught thousands of students topics from A+ to XML.

Microsoft Certifications

- Microsoft Certified Trainer
- Microsoft Certified Solution Developer for Microsoft ® .Net ™ (Early Achiever MCSD)
- Microsoft Certified Application Developer for Microsoft .Net (Charter Member MCAD)
- Microsoft Certified Professional (MCP)

Recently Taught Microsoft Courses

1303: Mastering Microsoft VB 6 Fundamentals	2415: Programming .NET Framework with VB.NET
2071: Querying Microsoft SQL Server 2000 w/T-SQL	2559: Introduction to VB.NET
2310: Developing Microsoft ASP.NET Web Apps	2565: .NET Applications for Windows using VB.NET
2373: Programming with Microsoft Visual Basic.NET	2609: Introduction to C# Programming with MS.NET
2389: Programming with ADO.NET	2727: Developer Skills Builder for Microsoft.

PROFESSIONAL EXPERIENCE

Freelance Microsoft Certified Trainer 1982 - Present

Specialize in Microsoft .NET technologies: VB.NET, C#, ADO.NET/T-SQL & ASP.NET. Non MOC classes included: Computer Literacy, Communications and PC repair, Computer Programming, Digital Electronics. Clients include:

SetFocus, LLC	AlphaNet Learning Solutions	Livingston Special Development Program
Solartech	New Horizons Computer Learning	Livingston Computer
Bloomfield College	Dover Business College	Union County Adult Education Program.
Glow Training Center	Computer Learning Center	Macy's Computer Department

Business Training Institute

Web Development eCommerce Instructor 2001 - 2002

Wrote curricula, prepared classroom resources and taught nine month eCommerce / Web Development program:

A+® (CompTIA)	Navigating the World Wide Web
Active Server Pages (ASP), Adobe® Photoshop®	E-Commerce / Business Plan
Career Planning/Professional Development	Operating Systems Tech. & Architecture
Microsoft® Access / Databases	Visual BASIC® 6.0 / VBscript / JavaScript
Microsoft® Word & FrontPage®	Macromedia® Dreamweaver® UltraDev™
PC Hardware, LANs & WANs	XML, HTML & DHTML

Kg Systems, Inc. 1991 - Present

Kg Systems specializes in custom automated weighing and industrial control systems with international clientele and vendors. Instrumental in growing business from \$0 to over \$1M in under five years.

- **Technical Trainer** performed onsite client training for computer based custom automated weighing systems.
- **Sales Engineer**- met with prospects, developed solution strategies, prepared detailed proposals, negotiated terms and closed orders as large as \$100,000+.
- **Project Manager**- maintained PERT/Gant based schedules utilizing MS Project, managed contractors and vendors, managed projects, performed field startups and maintained post-installation customer relationships.

- **Visual BASIC® Programmer**- designed and programmed highly intuitive VB applications utilizing graphics, database and communications functions.
- **Systems Engineer** - designed and reviewed multidisciplinary weighing, mechanical, electronics, materials handling, software and controls engineering projects.
- **Technical Support Specialist** - provided in depth support for both Kg Systems' brand and 3rd party devices in the areas of electrical & software related questions.
- **Embedded Systems Programmer** - Real-time, multi-tasking programming and implementation.
- **Instrumentation Microcontroller Design Engineer** - designed SBC with schematic capture/layout programs.
- **Network Administrator** - installed and maintained in-house networks.
- **Webmaster / email-List Administrator** - authored, managed and contracted for programming, hosting and administration on Linux & Win2K servers (see portfolio).
- **Business Management** - Organized legal and accounting for corporate setup. Setup/maintained Quickbooks accounting system, prepare financial summaries and reports and work with outside CPAs.

Ohaus Corporation

Engineer / Project Manager 1982 - 1991

International manufacturer of scales and balances. Starting as a software engineer and expanded with opportunities of greater responsibility and increasing levels of customer contact.

- **Product Trainer** – Product and applications training sessions for international/regional sales managers & dealers.
- **Software Engineer** - assembly language programming on Intel and Motorola microprocessors for industrial weighing indicators and laboratory balances.
- **Applications Engineer**- dealer & end-user technical support for electronic balance application, RS-232 communications, software and customization.
- **Project Manager** - founded Automated Weighing Systems Group. Involved in all aspects of project management, coordinating in-house and contractor functions from initial design through final system installation - including check-weighing, batching & statistical process control systems.

EDUCATION

SetFocus, LLC - Parsippany, NJ

Certificate, VB.NET Masters Program

Highly competitive, intensive 13-week full time curriculum in Visual Basic .NET, MS SQL Server 2000, ADO.NET & ASP.NET.

New Hampshire College - Salem, NH

Completed course work towards a Masters degree in Business Administration.

Drexel University - Philadelphia, PA

BS Electronics Engineering, Computer Hardware

PORTFOLIO - Sites I designed, programmed, manage and/or host

- <http://www.garlen.net> Personal Website
- <http://www.kgsystems.com> Kg Systems corporate website
- <http://www.industrialcontroller.com> Wilke imbedded controller products
- <http://www.sgpinc.com> Specialty Glass Products, Inc. (client)
- <http://www.cosmetech.com> Cosmetech Laboratory, Inc. (client)
- <http://www.xnet2.com/KgSystems/Tigers/> mail-list admin/archive
- <http://www.TempleBehAhm.Com> Synagogue Website (volunteer WebTech)
- <http://www.merchantmanager.com/kgsystems/> eCommerce Site (work in process)

HONORS, ACCOMPLISHMENTS & PROFESSIONAL AFFILIATIONS

- Springfield NJ School System Technology Committee Chairman
- Guest lecturer for Internet opportunities and weighing systems.
- Served as Governor of International Society of Weighing and Measurement.
- Awarded US Patent #4,723,613 for electronic balance improvement.
- Awarded "Kardux Cup" for most outstanding new product
- Earned \$90,000 FEMA Hazard Mitigation and Grant Program Grant
- Managed two year residential home elevation project