

Marc Pfenning

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Objective

Provide insight and apply education and experience to best serve customer or employer objectives

Education

BEE CLEVELAND STATE UNIVERSITY 1989

- Major: Electrical Engineering
- Specialty: Computer Engineering

Skills & Abilities

SOFTWARE AND OS

- Microsoft Windows 10 and earlier, Microsoft Server 2012 and earlier, MS Office, AutoCAD

PROGRAMMING LANGUAGES

- VB.Net, HTML, XML, Javascript, SQL, Intel/DEC assembly language

SOFTWARE DEVELOPMENT

- MS SQL database development and administration, ASP.NET, Visual Studio

NETWORK ADMINISTRATION

- Routers, switches, DHCP, DNS, VPN, Hyper-V, Remote Desktop, IIS, Exchange

Experience

DYNACOM, INC 1998-2001, 2003-2017

- Design and develop database system to perform all business functions including accounting, CRM, inventory, service using MS Access and later MS SQL. with ASP.Net web based user interface using Visual Studio for web services and web forms
- Specify and purchase all IT and technology hardware and software
- Administer, maintain, upgrade and support all network hardware and software
- Manage Windows domain and Active Directory, DNS, DHCP, user accounts, VPN
- Install firewall, antivirus, antimalware software and monitor all security issues
- Monitor data integrity and perform data backup of all business data
- Manage multiple Windows Servers
- Design and development company website and intranet site
- Oversee restoration of used industrial air cleaning equipment, specifically regarding electrical power and control

SELF EMPLOYED 1993-1998, 2002-2003

- Database driven ASP websites
- MS Access database systems for sales office and fan blade manufacturer
- Industrial equipment field service and troubleshooting for fabric shears
- Design and development of data acquisition, test and measurement, and process control for manufacturer of refrigeration compressors

NEOLOGIC AND MRI 1989-1993

- Hardware and software design and development for process control systems in manufacturing environments using single board computers and I/O hardware
- Embedded systems development for golf swing analyzer

YORK RESEARCH 1985-1989

- Assembly language programming for embedded data acquisition systems for the steel industry
- Low level drivers for interrupt driven serial devices