Richard P. Welty _____

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OBJECTIVE

A managerial or high level technical position with a small or medium sized company where my wide breadth of experience and skills in leadership, problem solving and communications can be fully utilized.

PROFILE

As the founder of a successful technology business and an experienced manager of IT and Software Development staffs, my experience uniquely positions me to see the whole scope of a networked IT infrastructure and evaluate solutions and enhancements. My roles as a manager and executive have given me insight into how IT and Software Development organizations function and how they fit in the larger picture of the business they support.

I have broad experience in networked computing as a manager, designer, and implementer, and have effectively managed network engineering, IT, and software development, and designed and built 24x7 operations centers. My experience is quite current in system administration, network engineering, software development, database development and administration, firewall design and construction, and secure network communications.

My experience in Network Security and Web Applications development involves the latest technologies in those areas. I have extensive experience in the successful deployment of Open Source solutions to IT problems.

PROFESSIONAL EXPERIENCE

Averill Park Networking, Averill Park, NY   2001-Present
Consultant

Avaya, Inc., Troy NY   2001
Technical Manager, VAM/Management Applications

VPNet Technologies, Inc., Troy NY   1999-2001
Director, Management Applications

Neworks Networking, Inc., Troy NY   1997-1999
CEO/Founder, later VP Engineering

INet Solutions, Albany NY   1996-1997
Chief Internet Engineer

General Electric Research & Development, Schenectady, NY   1986-1996
Software Engineer (Contractor)

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY
B.S., Computer Science   1980

SELECTED ACHIEVEMENTS

Computer Networking Business

Started new computer networking business. I collaborated on a basic business plan focused on outsourced Computer Network Monitoring and Management, and then raised initial investment capital, recruited other executives, selected a site for the 24x7 Network Operations Center (NOC), designed the NOC, selected the hardware and software, and organized and managed the construction of the NOC.
Results: A functioning business in the RPI Tech Park.

Robust Network Management Platform

Designed and deployed high availability NMS platform using Cabletron Spectrum software, Sun Solaris Servers, and Windows NT workstations. Oversaw customization work on Clarify Case Management system and Oracle back end. Worked with operations staff to insure that design for Spectrum and Clarify would make sense to NOC staffers and facilitate efficient management of their work load.
Results: 3 years of successful operations with virtually no down time.

Valuelinx Mail Servers

An ISP with 6000 customers deployed an inadequately tested advanced mail server design. I was retained after the fact to solve numerous problems relating to sluggish performance and non-delivery of email, preferably allowing the ISP to retain most of its customers. I evaluated performance and behavior of the mail system, diagnosed both performance and reliability problems, and determined the changes needed to correct the problems.
Results: Efficient mail delivery for 6000 users, with minimal loss of customers caused by unstable period.

INet Solutions Network Backbone

I was retained as Chief Internet Engineer at a startup after my predecessor departed. My predecessor's design for the network backbone was deeply flawed, but the equipment was already leased and in house. I determined the nature of the design and performance shortfalls, and developed a plan to correct the problems at minimal additional cost. I then managed deployment of the revised network design.
Results: functioning backbone for INet Solutions, serving a number of customers.

VPNManger Next Generation Design

VPNet produced Virtual Private Networking (VPN) productions that worked well in small and medium scale deployments, but had serious weaknesses in large scale situations, such as service providers managing VPNs for large numbers of customers. I identified performance targets for large scale deployments, in particular features required in service provider deployments of managed VPN services. I then developed a software architecture to support the performance targets and feature requirements.
Results: A scalable design to support large outsourced VPN environments.

SCCA Divisional Administrator of Scrutineering

Took over as Administrator for all SCCA Technical inspectors in the Northeast. I organized training at twice-yearly Divisional meetings, and visited race tracks throughout the division to work with tech inspectors in "on-the-job" training situations. I defined policies to assist in the fair and consistent application of safety and rules compliance requirements for race cars in the Northeast.
Results: Maintained the Northeast Division's reputation for excellence in race car tech inspection.