

Richard C. Mould

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Project management, and Database Analytic Software development

PROFESSIONAL EXPERIENCE

RCM-IT Consulting – Founder and Owner of Software Consulting Firm, Hopatcong, NJ **2007 – Present**
Managed and coded database report applications to reduce staffing needs, increase production and dramatically save money. Known for keeping projects on schedule and on budget.

Key Accomplishments

- Client - Quest Diagnostics:
 - Developed a report application for automated turn around time and test not performed reports for Quest clients. Resulted in major staff and hours reduction along with extreme increase in volume.
 - Special flow sheet application for Quest client Dr. Comite. Delivered this on the original time line after another consultant failed the project and used two thirds of the time. Resulted in million dollar contracts for Quest from this client.
 - Blood analysis machine interface program. Made the newer incompatible machines communicate with the Smartech application the same as the older ones. Resulted in major time and money savings by modifying the original old code base instead of a total re-write as the original coders were no longer with the company.
- Client – Management Services Consulting:
 - Data capture and collections report writing from multiple database engines for bank or IRS seized companies. Resulted in millions of dollars being collected when the data would have otherwise been lost or not usable.

Sferra Brothers (Fine & Luxury Linen Manufacturer) – **IT Director**, Edison, NJ **2003 – 2007**
Managed setup and configuration of in-house servers. Wrote all code for a custom inventory system. Also added broadband routers, firewall integration, T1 Internet connection and domain administration.

Key Accomplishments

- Saved the company's operations after a catastrophic system failure. Revamped all of their systems, including servers and software resulting in more than doubling their output while significantly reducing inventory
 - Fully restored the company operations within 1.5 months with no revenue loss by completing parts of the system by priority and making them modular.
 - Expanded system to include inventory ordering which saved over \$1MM and prevented closeout loss.
 - Observed personnel in each department to see how they interacted with the system, then made changes to make it highly efficient within their operations.
 - Helped Sferra to solidify their branding by developing a custom content managed in-house website.

Centronix, Inc. (Programmable Microprocessors) – **Lead Programmer**, Montville, NJ
 Lead programmer for web based interfaces to embedded Echelon Lon Talk networks.

2001 – 2002

Key Accomplishments

- Turned around a failing project and meeting client needs on a very compressed time-frame.
 - Salvaged a 1.5-year client project that was already 12 months behind with no milestones yet reached.
 - Coded, tested and implemented the website while still meeting the original 1.5 year agreement.
 - Designed and implemented an innovative solution for hiding the intellectual property of the web server.
 - Initiated several similar projects with other clients (US Army and others) based on this successful turnaround.
 - Developed a web application that interfaced to a humidity controlled garage for tracking military vehicles for the State of Virginia National Guard.

CTC (Motor Drives & Controls) – **Engineering Manager**, West Caldwell, NJ

1992 – 1999

Responsible for trouble shooting and repair of electrical and electronic systems for the printing and diaper industries. Checked and corrected new systems designs and improved older ones.

Key Accomplishments

- Designed major advances in their drives and controls for automatic splicers and rewind turrets. These advances made the company #1 in the non-woven and label winding industry
- Designed and programmed the first prototypes on turrets fully operated by PCs
- Improved the output from 300-500 ft/minute to 1,000 ft/minute, with very delicate non-woven material.

Skill Set Summary:

<ul style="list-style-type: none"> • <i>Database servers:</i> 	<p>Mysql, PostgreSQL, MSSql design and optimization on Linux and Windows servers.</p>
<ul style="list-style-type: none"> • <i>Networking servers:</i> 	<p>Installation, configuration, and administration of Ubuntu Linux 10.04 LTS to 16.04 LTS and Windows NT, Windows 2000 Server to Windows 2008 Server in peer-to-peer and ADS.</p> <p>Linux Web Servers with Apache, Linux Postfix-Dovecote Email Servers, T1 integration, VPN and remote connectivity. Linux File Servers and Domains with Samba, and Bind9-ISC DHCP DDNS.</p> <p>Virtual machine servers using Oracle Virtual-box and Linux KVM.</p>
<ul style="list-style-type: none"> • <i>Programming:</i> 	<p>Client – Server Form and Report database applications for multiple clients with C#, Java, Jasper Reports, and Crystal Reports.</p> <p>Web data applications using: C# ASP.Net MVC, PHP, Jasper Reports, and C# and Java IP services</p> <p>Systems include inventory , sales information reports, and medical records.</p> <p>PLC ladder logic for industrial control systems.</p>
<ul style="list-style-type: none"> • <i>Certifications:</i> 	<p>MCSE (Microsoft Certified System Engineer), NJ CET (Certified Electronic Technician)</p>