DANIEL J SMITH

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PROFESSIONAL PROFILE

Offering 30 plus years of Original Equipment Manufacturing (OEM) experience, covering all aspect of the business. Experience from shipping, stock room and assembly, to accounting and IT, all the way to company management and officer positions.

Management	Automation	Information Technology
▪ Project Management	▪ Engineering	▪ Hardware configuration
▪ Operations Management	▪ PLC / HMI Programming	▪ Web page design
▪ Project Budgeting	▪ Robot Programming	▪ MySQL / MS SQL
▪ Employee Scheduling	▪ SCADA	▪ JavaScript / PHP

EXPERIENCE

Nov. 2019- Present | **TCR Composites** — *Automation Engineer / Information Technology Manager* — Ogden, UT

Brought on to assist with the automation of the production floor equipment. Duties expanded into bringing the production data to a cloud-based system for real time access as well as rebuilding the ERP system:

- Rebuilt the company website.
- Implemented a company portal with login and rights access to different areas of the portal.
- Rebuilt the existing ERP & MES systems, reducing the multitude of databases and systems and them into the portal.
- Setup cloud-based web application with security and user logins.
- Streamlined browser-based order search for management and production.
- Built new kiosk systems for the production floor, including a new Time Clock and work order time tracking.
- Eliminated manual documents and moved spreadsheets over to a cloud-based system.
- Implemented barcodes to increase efficiency and reduce errors.
- Automated QA forms and eliminated scanning / re-scanning documents.
- Setup system to produce PDF forms and email reports.

Nov. May 2014-2019 | **CSI Automate** — *CEO* — Layton, UT

Partnered with an investment group, to create and build an industrial automation company with a primary focus of controls and small automated equipment:

- Responsible for 100% of the business operations and finances.
- Put together a team of qualified engineers and programmers to build the company.
- Established over $500k in sales the first 8 months in business.
- Setup and maintained Windows 2012 and Synology servers.
- Maintained personnel computers and email.
- Built company webpage
- Worked on ERP system for our ordering and job tracking.

Jan. Dec. 2008-2012 | **Eimco / Ovivo, USA** — *Senior Process Controls Engineer* — Salt Lake City, UT

The initial intent of this position was to take the outdated control system and bring it to a more up to date technology. Additionally, it was required that I assist marketing with pricing and spec review as well as technical field and project management assistance. The outcome of this position included:

- Generate a pricing program for marketing for the controls portion of the project.
- Review and re-write the equipment specification for contract engineers.
- Generate a program which can produce job specific documentation for marketing, equipment documents including:
  - Specifications
  - Scope
  - Proposal
- Update the system design to allow for value added solutions to the customer.
  - Added MCC's and e-houses to sales, giving the customer a turn-key system.
    - Increased control sales approximately 30% in the first year and another approximate 40% over the next 2 years.
- Advanced the control system to a miniature SCADA system.
- Outsourced and overseen fabrication of control panels and MCC's.
- Industrial Programming Software includes:
  - PLC / HMI / VFD – Allen Bradley, Square D, Idec, GE, Red Lion
- Listed inventor of a patented process control.

- Developed a more simplified process control scheme.

Nov. Jan. 2005-2008	**Precision Automated Technology**	*Electrical Engineer*	North Salt Lake, UT

This automated equipment OEM afforded me the opportunity to expand my capabilities. Manage all electrical aspects for each project, typically multiple projects at once. Responsibilities would include:

- Oversee system layout, design and assembly.
- Ensure material is ordered in a timely manner
- Ensure electrical assemblies were completed on time (typically ahead of schedule).
- Risk assessments on each system, using ANSI/RIA R15.06 on Robot systems.
- Making sure that panels and controls meet NFPA 79, NEC & UL508A requirements.
- Write programs for the systems. Common controls would include:
  - CompactLogix
  - PanelView Plus
  - Ethernet IP & DeviceNet
  - Remote I/O
  - Robotic Control (Motoman, FANUC)

Jan. Present 1993	**SD3**	*President*	Layton, UT

During my permanent positions I had opportunities to do part time and full time contracting. In October of 1997 I began to pursue it full time. Business opportunities included:

Axis Machine: Opportunity was given to be a partner and build a local Machine shop to provide production services and prototyping:

- Setup and maintained Synology servers.
- Maintained personnel computers and email.
- Setup URL's and built company webpage.
- Setup web-based order tracking database using LAMP stack.

SynerTech Automation: Established a value-added distribution business in the automation field:

- Setup and maintained Synology servers.
- Maintained personnel computers and email.
- Setup URL's and built company webpage.
- Utilized online order tracking and eventually started working on setting up our own.

Concept USA: Contracted to establish a new company for an investor group of wastewater treatment technology in the oil and gas industry. In addition, establish any new business related to controls.

- Provided 3rd party review of customers' equipment including design recommendations and evaluations for:
  - Equipment design
  - Product specification
  - Product qualification
  - Cost analysis
- Updated existing equipment controls to utilize Ethernet and wireless communications.
- Simplify controls to reduce costs.
- Established FANUC & ABB Robotics authorized integrator.
- Established Siemens authorized integrator.
- Setup URL's and built company webpage.

EDUCATION

1990-1992	**ITT Technical Institute** Salt Lake City, Utah
	Associate of Applied Science in Computer-Aided Drafting Technology
2011-2014	**University of Phoenix** Phoenix, Arizona
	Bachelors of Science in Information Technology - Software Engineering
Certificate	**Industrial Ethernet - 101 & 102,** February, 2008
Certificate	**SQL – Level 1 & 2,** July, 2010
Certificate	**SCADA iFix – Fundamentals,** January, 2012