Christopher Hutchinson
Erie, CO
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(720) 980-1526

Versatile engineer with documented history of designing and implementing hardware and software solutions and installing and commissioning systems to meet customer needs. Experienced in achieving project objectives while operating in compliance with nuclear energy industry safety and security policies. Repeatedly improves systems and processes through application of engineering methods and big-picture understanding of operations, resolving complex technical and business problems by analyzing data, employing sound judgment, evaluating possible outcomes, and creating practical solutions.

Business-savvy professional with expertise in developing operational policies, procedures, and practices, communicating with customers to determine system requirements, developing strategic goals and objectives, and scheduling project activities to achieve objectives within deadlines.

Technical Expertise

Javascript, Web Development, Webpack, React, ES6

PLC Instrumentation Control, PC Hardware & Servers, QNX, Microsoft XP & NT, Photon Certified Microsoft Systems Engineer (MCSE) - Microsoft SQL Server Optimization, AutoCAD, Solidworks

Professional Highlights

Florence Darlington Technical College (2014 - 2015)
Project Manager / Lead Simulation Specialist
BOOST Federal Grant Project
Serving in a project management role for a Federal Grant project. Implemented 3D immersion technology and advanced nursing simulation with manikins to train students. Nursing student education and simulation; eLearning development with Adobe Captivate 8.0. LMS integration with Desire2Learn/SCORM API.

Hutchinson Enterprises, Inc. (2005–2014)
President / CEO
Largest custom export packaging provider with $3 million in annual sales within a niche market. Technology & Business Manager Advance business operations through continuous improvement of product design, manufacturing processes, quality control, and customer service. Develop systems and procedures to support operations and enhance accounting, procurement, production scheduling, and human resources functions. Gained control over inventory levels

and raw material costs and enhanced cash flow by upgrading financial systems, streamlining accounts payable to achieve timely collection of receivables. - Increased net profit $250,000 annually by identifying new raw materials suppliers. Cut customer expenses by collaborating with engineering staff to design new product, providing manufacturing requirements, testing models, and integrating product into assembly. Met customer JIT manufacturing needs, consistently hitting deadlines by assessing customer needs and spearheading adjustments to production schedules. In-house ISO 9001 development and implementation.

First Reliance Bank, Inc., (2001–2005)
Vice President / COO
Florence, SC
Mid-sized bank with $500 million in assets. Information Technology & Operations Director Hired to design, repair, and replace IT infrastructure, facilitating 400% organizational growth over 4 years. Improved operational efficiency through troubleshooting systems, writing system policies and procedures, and directing IT staff. Integrated and managed vast array of technologies including AS/400 hardware, OS/2 control systems, and CRM systems, interfacing with federal and state regulated systems to pass technology and operations systems audits. Championed design and build of $5 million facility to create in-house hosted data center, collaborating with architects to determine specifications, sourcing equipment, contracting back-end technology provider, and driving project to meet timeline and budget goals. - Saved $500,000 over 4 years by eliminating outsourcing fees, hiring and directing internal team charged with maintaining and repairing network and PC systems. Boosted safety and soundness rating and brought institution into compliance with federal regulations through development, implementation, and testing of offsite disaster preparedness programs to ensure operational ability in the event of natural disaster or fire. Instituted procedures to record and accurately reflect transactions on customer accounts daily, acquiring required hardware and software and building systems from the ground up.

Takata Restraint Systems, Inc., (2000–2001)
Design Engineer
Cheraw, SC
Designed and built production line equipment to meet new product manufacturing needs by identifying and purchasing required components, creating electrical schematics in AutoCAD, wiring and programming electronic control systems, and setting up real-time data acquisition. Implemented design-build equipment into assembly lines, testing and deploying PLC and computer controlled automation of production equipment in collaboration with mechanical and electrical engineers. Rewrote code from Japanese characters to integrate new PLC and hardware, gaining understanding of code by watching functions of machine, translating code using visual basic, and building PLC from scratch to return equipment to production line. - Earned reputation for expertise and ability to troubleshoot programming behind data acquisition, becoming a “go-to” engineer to solve programmable control related problems, programming errors, and machine control failures. Also selected to travel to Mexico frequently to commission equipment, setup assembly lines, and train personnel in operation of new manufacturing facility.

Duke Energy – HB Robinson Nuclear Plant, (1998–2000)
Systems Analyst
Hartsville, SC
Reworked and replaced code in the ERFIS real-time plant monitoring system to achieve ‘Y2K’ compliance, programming ‘C code’ in UNIX environment and using QNX RTOS to implement system. Developed and followed full testing and compliance procedures to test and implement applications. Completed safety training and earned clearance to work in nuclear environment. Rolled out new emergency radiation plume assessment package on time, using Photon for GUI design and ‘C code’ to complete DOSE software re-write. - Drove software lifecycle independently including writing code, completing proof of concept, developing test procedures, testing, and implementing for use. Recovered test data from abandoned data tapes, writing ‘C code’ for application to provide access to historical plant operation data.

Education & Training

Bachelor of Science (B.S.), Electrical Engineering, Clemson University

Bachelor of Business Administration (B.B.A.), Accounting, Francis Marion University

MCSE, Certified Microsoft Systems Engineer - Windows NT 4.0 server designation, Microsoft SQL server optimization specialization IT Professional Management Practices, Vanderbilt School of Banking / Information Technology, Seven Habits of Highly Successful People Leadership Course, Web Accessibility Training - Desire2Learn