

ROY STEVES

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EXPERIENCE

Software & Automation Engineer - L-3 Electron Devices Division Nov. 2008 - present
Orchestrate programs for a variety of purposes, including manufacturing automation, database reports, inventory tracking, quality control, etc., using a wide variety of languages and tools. Develop information technology strategies to improve the efficiency of a mature company.

Programmer - Improvement Direct Jan. 2007 – May 2008
Designed and implemented key business components, including warehouse management systems, QA tools, and accounting tools. Used Coldfusion, SQL Server, Javascript and AJAX, and other tools to create business operations interfaces and reporting suites.

Independent Consultant - Multiple Clients May 2006 – Dec. 2006
Contributed to a wireless vital signs data recorder developed for Army and civilian medevacs. Developed online advertising optimization utilities in Perl CGI, in addition to website graphic design and development. Various projects for real estate online and email marketing.

Web Programmer and Designer - California State University, Chico June 2003 – June 2006
Built and maintained websites and tools for the Provost's Office. Worked with Visual Basic, SQL, C++, Perl, Adobe Photoshop, and Macromedia Dreamweaver to create and manage high-profile websites. Twice promoted to positions of greater responsibility and scope.

EDUCATION

Bachelor of Science in Applied Computer Graphics - California State University, Chico May 2006
Technical Option - Minor in Studio Art - President of Computer Graphics Consortium
Honors in the Major, Honors in General Education - 3.73 Cumulative GPA (Cum Laude)

EXAMPLE PROJECTS

Inter-system Inventory Audit Tool (L-3 EDD)
Collect and compare inventory levels between two previously incompatible databases (Oracle vs. SQLSever)

Customizable Reporting Tool (L-3 EDD)
Built a tool for building and running custom reports from another program's SQL Server database

Flex-based Traffic Graphs
Using data from a MySQL database, generated customizable reports in Flash

Retail Site Implementation (AllYourGreen.com)
Designed, deployed, and managed a profitable green products retail site

Warehouse Management Console Recode (Imp. Direct)
Rebuilt the Coldfusion backbone of the inventory system to improve reliability and reporting

Lightwave Project Files Repository
SVN-like system for handling complex file dependencies in lightwave projects

Vital Signs Data Recorder
VB.NET PocketPC application for collecting data from a ProPac medical device in medevac helicopters.

QA Reports (Imp. Direct)
Built a tool to help QA staff detect deficiencies in product data for the retail sites.

E-Newsletter/Mailing List Manager
A simplified Perl CGI tool for non-profits and small businesses to utilize their contact lists

Ad Performance and Visualization Utilities
Tracking wrappers for third party ads, and an SVG-based visualization tool in Perl CGI

Lead Generation & Contact Management System
PHP-driven membership pages and data migration for a real estate contact database

Executive Memorana Search Utility
Regular expression-driven CGI tool for locating University Policies

SKILLS

Development Platforms: Linux, Unix, Windows & PocketPC with Visual Studio .NET,

Software Experience: SQL Server, MySQL, Adobe Photoshop, NewTek Lightwave, Vegas Video, SoundForge, Alias Maya, Macromedia Dreamweaver, Apache Web Server, Microsoft Office and OpenOffice, National Instruments Measurement and Automation Explorer

Framework Experience: Drupal, Ruby on Rails, JQuery

Primary Languages: PHP, VB.NET, ColdFusion, SQL, Perl, C++, Javascript, CSS, HTML

Secondary Languages: Ruby, C#, Visual C++, Java, etc.

Other: 80 W.P.M., Adwords Campaign Management, Analytics and performance tracking, RF equipment