



JOSEPH CASCIO, JR.

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PROFILE

Career software engineer, development leader with 35+ years experience in languages ranging from C, C++ to java, C#, and Ruby and Python

EXPERIENCE

PYTHON-DJANGO DEVELOPMENT - 2010

Currently developing a restaurant point-of-sale system using django for a startup in Providence, RI.

Developed a demonstration web application using django and ajax for a restaurant order-out online system.

WEB SITE DEVELOPMENT - 2009

Developed websites using WordPress on a virtual private server.

[MyDeliciousMornings](#) is a Maine B&B photography site. Eventually will be a revenue producing registry for B&Bs with the intent of attracting users with lavish photography of inn breakfasts and local tourism highlights.

[Christ Episcopal Church, Guilford, CT](#) - a basic site to serve a local church and its congregation, and provide information for prospective members.

INDEPENDENT DEVELOPER, OPEN SOURCE SOCIAL MEDIA APPLICATIONS — 2007-PRESENT

Developed an architecture and prototype for a Content Announcement protocol using UDP. Implementing prototype server and client modules in Python on Mac OSX and Linux.

Developed an experimental web site called Sociallogic.org to investigate the possibilities for a unified social network/social media identity, and to learn Ruby on Rails. (Ruby/Rails/HTML on Windows and LINUX)

Developed a prototype for a new email protocol named Internet Message Transfer Protocol (IMTP) (java on Windows)

INDEPENDENT CONSULTANT JCASCIO DESIGN, INC., STONINGTON, CT — 2005-2007

For Agfa Cardiovascular in Westerly, RI. Developed .NET 2.0 C# web services for an EKG management system. Had responsibility for data layer web service that mediated access to enterprise Oracle database from various EKG system applications including a SmartClient EKG review program for physicians. (C#)

CHIEF TECHNOLOGY OFFICER, HEARTLAB, INC., WESTERLY, RI — 1997-2005

This position started off as VP Engineering and was formalized to CTO as the company matured. In essence, my responsibilities through this period were to run the company's advanced development projects as opposed to being a line manager, although I did have some role in that as VP Eng. In this role, I did a lot of coding but also worked with the CEO to develop product and implementation strategies, and managed the projects as technical leader/project manager. During this time, I worked on most of the company's core applications including

DICOM image review workstations (C++)

CineCapture product for capturing high-resolution xray video from cardiac angiography labs, (C++)

Suite of back-office Windows services for accepting and managing storage for various types of image data from different imaging equipment in cardiology departments, including x-ray, ultrasound, nuclear and magnetic resonance. (C++)

DVD writing storage service that interfaced with a juke-box type disc management device. (C#)

Various DICOM and other libraries for infrastructure support through the product line. (C++, C#, java)

INDEPENDENT CONSULTANT, AUGUSTA DEVELOPMENT, INC., MANSFIELD, MA — 1995-1997

Worked on various C++ projects in the medical imaging (Heartlab, Inc.), process control (The Foxboro Co.), CASE tool (Riverton) and document management (EBT) industries. C++ Windows and UNIX.

PRINCIPAL SOFTWARE ENGINEER, CADRE TECHNOLOGIES, INC., PROVIDENCE, RI — 1983-1995

Developed visual diagram editors for CASE tools in C and C++ on various flavors of Unix operating systems. Advanced development of OODB storage for CASE tool data.

SENIOR SOFTWARE ENGINEER, THE FOXBORO COMPANY, FOXBORO, MA. 1973-1983

Developed digital process control software in some now-extinct proprietary languages.

PROCESS CONTROL ENGINEER, ARIZONA PORTLAND CEMENT, TUCSON, AZ 1971-1973

Developed computer process control programs for a working cement plant, and engineered control instruments and control strategies for various process around the plant.

EDUCATION

Worcester Polytechnic Institute, Worcester, MA — BS Chem Eng. 1970

SKILLS

Excellent object-oriented design and implementation in several languages including C++, java, C# and Ruby. Exceedingly good at seeing the Big Picture and keeping various requirements and implementation constraints in balance. Able to work very effectively with top management and understand their business concerns and constraints. Able to run projects as a technical leader and manager. Some experience with SQL and MySQL database implementation. Some experience with simple HTML and CSS.

PERSONAL

Board of Governors, Chairman Long Range Planning Committee, member Golf Committee at Stonington Country Club.

Organizing Committee and speaker at PodCampBoston, July 19,20, 2008.

Regular on Podcast "PushMyFollow" <http://pushmyfollow.com>

Active in many social media and social networking online communities.

Spoke on Distributed Microblogging at the Berkman Center at Harvard Law School.