

# Mario T. Lanza

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- **Gets things done.**  
I'm a self-starting problem solver. I probably know how to do it and if I don't, I will.
- **Makes things.**  
I was called to create. I spend my days making ideas happen.
- **Makes things better.**  
I habitually and actively find opportunities to make things better.

## LANGUAGES

VB.NET, C#, Ruby, Javascript, SQL, Lisp/Scheme, COBOL, RPG

## DATABASES

SQL Server, MySQL, Sybase, Oracle, Access, MongoDB

## WEB

Rails, Sinatra, ASP, HTML/XHTML, CSS, Ajax, Javascript, jQuery, Backbone.js, XML/JSON

## PLATFORMS

Linux/Unix, Windows, Mainframe

## PROFESSIONAL EXPERIENCE

### **2007-present. Consultant. Modis (a.k.a. Ajilon). Mechanicsburg, PA.**

#### Administrative Offices of Pennsylvania Courts (2007-present)

- Rewrote various court management systems (VB.NET, Sybase, T-SQL).
- Initiated, designed and developed dozens of improvements to the underlying application framework used by all court management systems. Prior to my coming to the agency, the lead architect was sensitive to outside ideas and maintained the source code himself. My ideas opened that floodgate.
- Serve a resource. Developers and managers regularly consult with me for guidance.

### **2001-2012. Independent Contractor.**

#### Personal Startup (2010-present)

- Designing and creating an open source topic management system (Linux, Ruby on Rails, Javascript, jQuery, Backbone.js, AJAX, MongoDB).

#### Daybreak Church (2007-2010)

- Developed and deployed website/app (Linux, Ruby on Rails, Radiant CMS, MySQL, jQuery, AJAX) with more than a dozen custom administrative modules (Radiant CMS extensions) for managing: content, members, small groups, events and invitations, and service project registration.
- Created REST client (Ruby) for Google Calendar. Integrated with web app.

#### Yes Solutions – Subcontracted by DataQuest, Inc. (2006-2007)

- Created batch billing and shipping modules of a Netflix-like book subscription subsystem (VB.NET, Oracle, IBM WebSphere, message queuing).
- Migrated legacy data.

#### Currency One (2001-2006)

- Independently redesigned, created and deployed the entire system used by a check cashing chain.
- Created a point-of-sale teller application (C#, SQL Server) used in nearly 60 branches.
- Created a back-end web app (ASP, SQL Server, Crystal Reports) for branch management.
- Developed feature for automating branch software updates.
- Developed the batch processes/calculations used to manage cash inventory at branches.
- Implemented custom replication and batch jobs (C#, FTP, XML, SQL Server).
- Created SQL administrative tool for maintaining remote databases.
- Created ticket management application (ASP, SQL Server).
- Created time logging app (ASP, Access) for invoicing (side project, no cost to client).

**2005. Consultant. TekSystems. Harrisburg, PA.**

Civil Service Commission

- Developed/deployed thin replication software (C#) used to sync statewide database servers.

**2000-2001. Consultant. Data-Quest, Inc. Harrisburg, PA.**

Office of Mental Retardation – Subcontracted by Deloitte & Touche (2000-2001)

- Designed and specified a web-based system (SQL Server) by which mentally handicapped persons apply for and receive benefits.
- Participated in routine client meetings and design sessions.

Office of the Inspector General (2000)

- Developed statewide welfare application tracking software (VB, SQL Server).

**1997-2000. Consultant. Keen (a.k.a. Metro, Solution Technologies), Camp Hill, PA.**

Target Systems (1999-2000)

- Created system (VB, MS Access, SQL Server) for check cashing stores that gathered and consolidated remote data for branch management.
- Developed automobile auction software (VB, SQL Server, Crystal Reports).
- Created money order receipting and transmission software (VB).

Pennsylvania Health Care Cost Containment Council (1999)

- Developed system that processes and validates hospital data (SQL Server).
- Developed automated reporting system (VB, Crystal Reports).

Inservco Insurance Services, Inc. (1997-1998)

- Migrated our largest account from a legacy system to a new vendor system (SQL Server, Access).
- Developed custom processes and reports (COBOL, Crystal Reports).

EDS/Medicare – Common Working File Maintenance Team (1997)

- Developed/maintained batch processes, screens (COBOL, CICS, DB2) and documentation while following rigorous CMMI standards.

**1994-1997. Programmer Analyst. Penn National Insurance Company, Harrisburg, PA.**

Agency Interface (1995-1997)

- Designed, specified, and wrote (with another programmer) the company's first-ever data interface between agencies and insurance carriers (COBOL, VB). We delivered a near-flawless system ahead of schedule and our team became a company success story.
- Designed an incident tracking system (Access) which other teams adopted for their own use.

Inservco Insurance Services, Inc. (1994-1995)

- Developed/maintained applications, reports, and batch processes (CICS, JCL, COBOL, DB2, VSAM).
- Initiated an effort to redesign a series of reports (COBOL, JCL) that required software changes anytime customers were added, removed or reconfigured. This allowed jobs to be configured without touching programs. Customer changes were reduced from a 3-days effort to a 3-hour one.
- Initiated an effort to eliminate unused reports greatly reducing paper usage.
- Revamped system to accommodate a huge, new account. Migrated that account.

**1994. Consultant. Ajilon (a.k.a. Adia), Mechanicsburg, PA.**

Consultant for Penn National Insurance.

**1993. Systems Engineer. Rite Aid Corporation, Camp Hill, PA.**

Developed/maintained applications, reports, and batch processes (CICS, JCL, COBOL, DB2).

EDUCATION

**1990-1992. Thompson Institute. Harrisburg, PA.**

**Associate Degree (4.0 GPA) – Business Information Systems**

Graduated first in my class.