

Francisco J. Rodriguez

IT Consultant · Project Management · Infrastructure · AI Integration

35+ years in information systems · Healthcare · Manufacturing · Insurance

| CAREER SUMMARY

I have 35 years of experience in the development and implementation of information systems. Throughout this time I have focused my career on state-of-the-art technologies and strategic planning in IT management. My most significant achievements include:

- Managing the IT Department of a major hospital through the implementation of a new Hospital Information System (HIS) with Electronic Health Record (EHR) functionality, wireless support, and Internet access—making it the largest paperless healthcare provider institution on the island.
- Implementing a large-scale ERP supporting over 600 users and more than 50 primary business processes for the largest healthcare insurance provider in Puerto Rico, including process reengineering, imaging, and workflow.
- Designing and developing an object-oriented application to integrate data collection with manufacturing systems for the pharmaceutical industry, generating over \$15 million in gross revenue.

| PROFESSIONAL EXPERIENCE

IT Consultant Independent

2015 — Present

As an independent IT consultant I have provided services to small businesses implementing IT solutions in healthcare and manufacturing. I delivered strategic planning, project management, and implementation—from infrastructure design to custom applications. Projects ranged from practice management systems for small medical practices to a complex application for structural steel beam design per AISC standards.

I pride myself on high-quality solutions tailored to each client, so they can use information technology for competitive advantage.

IT Director

2009

Auxilio Mutuo Hospital

As IT Director of the largest private hospital in Puerto Rico, I managed day-to-day IT operations and led implementation of a new HIS with EHR, wireless, and Internet access—establishing the largest paperless healthcare provider on the island.

- **Hospital Information System (HIS).** \$5 million migration covering registration, laboratory, pharmacy, financial, and materials management—24/7 operations for 2,500+ users and 1,200+ workstations. Delivered Windows 7 and a new Active Directory environment with a 72-server physical/virtual farm.
 - **Electronic Health Record.** Integrated EHR from registration onward (scan or digital capture), with hospital-wide availability, workflow, quality control, and batch scanning for historic records.
 - **Telecommunications redesign.** Upgraded infrastructure for imaging bandwidth, campus-wide wireless for mobile clinical access, and expanded secure Internet connectivity for physicians under HITECH requirements.
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CEO

2000

ItlS, Inc.

As CEO of a small IT consulting firm focused on healthcare applications, I built products and led implementations for numerous clients. The flagship Practice Management package supported IPAs under the Puerto Rico Healthcare Reform, analyzing capitation payments to detect inaccurate claim deductions—in some cases helping clients recover over a million dollars. Other work included a warehouse management system for hospital supply distribution. Solutions used contemporary platforms including wireless networks.

Client/Server Development Manager

1995

Triple-S, Inc.

Managed Client/Server Development at Triple-S, the largest locally owned healthcare insurer and a Blue Cross Blue Shield Association member.

- **ERP system.** \$3 million program migrating G/L, allocations, budget, A/P, A/R, fixed assets, purchasing, decision support, and HR for 600+ users. Introduced Windows 95/NT, MS Exchange, and Office; added workflow, imaging, MICR laser checks, and Internet connectivity. Delivered in two years with review/reengineering of 50+ primary processes.
- **Subscription, billing & collections.** Internet-based system to evolve the legacy subscription platform (1.2M+ subscribers): web access to mainframe queries, invoice download/reconcile, remote card replacement, and custom membership queries. Delivered in 8 months; within three

months served 150+ users and supported wins with key accounts such as Banco Popular de Puerto Rico.

Software Development Manager
Abaco International Group, Inc.

1991

Top technical manager leading product development and services for manufacturing.

- Designed and developed the product line that later generated over \$10 million in annual gross revenue. Multi-vendor host integration made the company a worldwide leader in data collection software; in 1993 GE’s ED&C Division selected the product as company standard over competitors including IBM.
- Supervised implementations in 18 General Electric plants across the U.S. and Puerto Rico—process analysis, customization where needed, 110+ users, completed in 8 months.

TECHNICAL EXPERTISE

Standards & regulations

Healthcare IT standards and regulations including ANSI, HL7, HITECH, and HIPAA.

Methodologies

Object-Oriented Design Relational Databases Process Reengineering Agile DevOps CI/CD

Applications & data

MS Office / Project / Visio SharePoint SQL Server Oracle MySQL PostgreSQL MongoDB

Languages

Python Ruby on Rails Java C++ C HTML / CSS ASP Visual Basic

Infrastructure

Windows / Unix VMware Hyper-V Proxmox Citrix Azure AWS GCP Docker Kubernetes

Prometheus Grafana Ansible Terraform

EDUCATION

M.S. Economic Planning

University of Puerto Rico
1990

B.S. Electrical Engineering

Syracuse University
1986