

Start with one **Programmer**. Add **30+ years of Experience**; over 20 of them in **Architecture & Design**, 15 in **Project Management, Methodology & Development Processes**, over a dozen or so in **Consulting**, and add a few years **Teaching College**. Slowly mix in [over time], Written & Verbal Communications skills; and then make sure all of that experience is diversified between both Public Sector and Private Business. **Highlights are below.**

**Softstar Research, Inc.**  
Principal Consultant

**Beaverton, OR**  
January 2003 to Present

**DWR (California Department of Water Resources) - Sacramento, CA**

- Executive Level - Technology Strategy and Planning.
- Enterprise Architecture Analysis & Development.
- Enterprise Shared Service Platform (**SDA Platform**), including Analysis, Architecture, Security, Design, Project Management and Technical Leadership.



**CalPERS (California Public Employees Retirement System) - Sacramento, CA**

- Enterprise Architecture
- **SDA (Service Oriented Architecture):** Analysis, Architecture, Security, Design, Project Management and Technical Leadership of an Enterprise SDA Prototype Project
- Project Architecture, Methodology and Project Planning for Production SDA Implementation



**State of Oregon - Salem, OR**

- **SACWS (Statewide Automated Child Welfare System)**
- Project Strategy
- Project Planning
- RFP Development
- Architecture Planning
- Technical Leadership



**Trinity Technology Group - Sacramento, CA**

- Architecture Documentation
- Open Source Strategy Consulting
- Enterprise Architecture



**Perk Systems, Inc. - Sherwood, OR**

- E-Commerce Enterprise
- Open Source Production Implementation (Linux, Apache, Tomcat, MySQL, JBoss, PHP4, SendMail)



**1<sup>st</sup> Rule of Architecture:** "You can bridge the gap between any two things with a layer of abstraction".

**2<sup>nd</sup> Rule of Architecture:** "You can increase the performance of any system by removing a layer of abstraction".

**Rapidigm, Inc.**

Director of Delivery / Business Development

**Portland, OR**  
June 2001 to January 2003



As Director of Delivery for Rapidigm's Portland Solution Center (PSC), I worked to define the standard Methods and Repeatable Processes used to Sell and Deliver projects. This included Project Management standards based on PMI (Project Management Institute), Development standards that leveraged multiple methodologies including RUP (Rational Unified Process) and XP (Extreme Programming), Q/A standards, and Team Organization / Project Reporting standards. In addition, I helped lead a Special Business Unit within the company responsible for elevating all corporate practices to eventually get certification at CMM Level 3.

Writing the proposals allowed me to act as a Strategic Consultant for many of Rapidigm's clients (including Taylor Marketing, Metro One Communications, Hewlett Packard, Mattson, etc). During these engagements I generally interacted with VP and 'C' level executives to help them define Architecture Standards, Project Management Standards Development Methodologies and layout the architecture for individual projects within their own organizations.

**1<sup>st</sup> Rule of Prototyping**

"If your prototype becomes your Application. One of them is wrong".

**StatiaFX / NetExpress**

VP of Engineering / Chief Architect

**Portland, OR**  
May 2000 to June 2001



StatiaFX is a financial service software company that developed a web based wealth/portfolio management platform for financial institutions ([www.statiafx.com](http://www.statiafx.com)). The platform leveraged and integrated multiple data aggregation sources. These included news, specialized content, financial aggregation, and stock quotes.

As VP of Engineering (Director of Development), I was responsible for the technical strategy [architectural] and development of the system. This included Sustained Engineering, Quality Assurance, Development of new functionality, and Management of all engineering resources. StatiaFX leveraged a multiple discipline engineering methodology which integrated best practices from many methodologies including RUP (Rational Unified Process), XP (Extreme Programming) and PMI (Projects Manager Institute).



Greens.com was an Internet start-up positioning itself to become a global market leader within the golf industry. We partnered with golf courses to provide golfers with Internet services. The services included A) a real-time Internet tee time reservation site for consumers, B) an infrastructure and supply-chain optimization service for golf courses, C) and a 'powered by' engine for partner web sites and affiliates.

As Chief Architect, I was responsible for the structure of the technology solutions offered by the company. This includes both the internally developed systems (Point of Sale, Tee Sheet, Internet Reservations, Reporting, Billing, Etc.), as well as the numerous systems acquired through acquisition. I architected and implemented an integration strategy that allowed for very fast integration of new platforms (using IBM MQ Series on multiple platforms and XML as the payload).



**CBSI – HORIZONTAL PRACTICE DIRECTOR, WESTERN REGION**

Senior Director responsible for the horizontal practices for CBSI's Western Region from 1998 through 1999 (CBSI acquired Claremont Technology Group in the summer of 1998). The horizontal practices included E-Business, Client/Server, Object Oriented/Component, Data warehousing, and Main Frame practices. These practices included more than 125 consultants with revenues totaling more than \$25 million dollars.

In addition, I was involved with multiple sales efforts in the region, including proposal writing and technical sales presentation, which resulted in a \$30+ million dollar in projects.



**CLAREMONT - US OPERATIONS, CENTRAL REGION - DIRECTOR OF DELIVERY**

Director within the US Operations division of Claremont Technology Group, responsible for the delivery of projects within Claremont's central region from 1997 through 1998. The region had offices in Columbus, Pittsburgh, Dallas, and Cleveland.

As Director of Delivery my responsibilities included strategic direction [organization and planning], tactical implementation [operations], and customer solutions [project delivery]. In the position I created 'horizontal technology practices' within the Columbus office, including Internet/E-Commerce, Business Intelligence/Data Warehousing, OO, Testing, and Project Management. These practices included more than 100 consultants with revenues totaling more than \$18 million dollars.



**CLAREMONT - CHIEF CLARETY ARCHITECT**

Chief Architect responsible for the management and direction of multiple groups including Architecture (Software, Hardware, Platform, etc.), Infrastructure, Library Services (Intranet), Data Management (DBA's), and Technical Services. The organization was the primary support and development group for Claremont's Clarety™ product; a three-tier object orientated framework for State Governments Public Employee's Retirements Systems (PERS). The system was implemented in the states of Mississippi, Ohio, Nevada, and was being used in California and Oregon. The framework leveraged over 50 different technologies.



Group Technical Manager and Lead OO Architect within Cambridge's North America Midwest region. My responsibilities included Technical Management of the Columbus Ohio Group, Senior Object Modeler and Lead Architect on multiple projects, including the STAT project. The STAT project was a distributed object-oriented, multi-tier client/server, CORBA project that became the platform for the Billing System, Customer Management System, and Marketing System for a Fortune 50 company.

**FORD Motor Company - Dearborn MI**

- Driveability Measurement System Design
- Statistical Analysis & Data Reduction System(s)
- Snow Ingestion Reporting System
- Job & Labor Tracking System
- Customer Scheduling & Billing System



**Platinum Software Corp. - Irvine, CA**

- Project Management & Design Consulting
- SeQuel to Platinum Modules (Financials), Platinum sub ledgers (AR, AP, OE, PD)
- Global Applications Design Group, Research & Development Division



**Chrysler - Auburn Hills, MI**  
 • New World Project



**Softstar Research - Southfield, MI**

- Customer Support WEB Site
- Windows Utility Suite





**Business Technologies, Inc. - Rochester, MI**  
 • Narco Sound (Windows Comm. Program)


**Diversified Service Technologies - Romulus MI**


- Data Acquisition, Vehicle Measurement System

<ul style="list-style-type: none"> <li>Area Measurement (CAD Application)</li> <li>SBT Accounting Customization</li> </ul>	<ul style="list-style-type: none"> <li>Data Acquisition, Vehicle Title Table, A/D Hardware</li> </ul>
<b>Energy Solutions Inc.</b> - Hayward CA <ul style="list-style-type: none"> <li>Technical Consultant, Joint Venture (Soviet Union, Norway, Spain)</li> </ul>	<b>Freedom Financial Marketing Group</b> - Union City CA <ul style="list-style-type: none"> <li>Voice Mail Marketing System / Auto Telephone Dialing System</li> </ul>

<b>Total Travel Management</b>	<b>Troy MI</b>
<b>Manager of Branch Automation</b>	<b>1988 to 1990</b>
 <p>Managed the automation of 23 travel agency offices in 8 states. I redesigned and programmed the branch ticketing and invoicing systems. The system implemented distributed processing technology on a corporate host (IBM S-38). The core systems were redeveloped using the 'C' language against an Informix database. The systems ran on a SCO UNIX platform, which allowed us to leverage existing hardware resources already in the branch offices. Data access was done from within 'C' using Informix ESQ (Embedded SQL). Additional reporting was done using Informix 4GL.</p> <p>Management included the supervision of department personnel, hiring new staff, training new employees, and conducting employee reviews. Benefits included pretty much travel wherever you wanted to go.</p>	

<b>Electronic Data Systems (EDS)</b>	<b>Troy MI and Sacramento, CA</b>
<b>Project Manager / Systems Engineer</b>	<b>1984 to 1988</b>
 <p><b>Project Manager</b> Managed a project to develop a new Cell Controller computer system and integrate it into a Multi-Tier Factory Software Architecture (GMT-400). The software was deployed at 5 General Motors Truck &amp; Bus manufacturing plants throughout North America. During the project I also administered a joint development effort between EDS General Motors and Hewlett Packard to develop factory automation software for another General Motors automation project in Doraville, GA (GM-10).</p> <p><b>Team Leader</b> Directed a team responsible for integrating the MAP 2.1 communications protocol into an existing cell controller computer. The team designed and coded software to allow transparent communications between applications residing on different host computers.</p>	

<b>Oklahoma City Community College</b>	<b>Oklahoma City, OK</b>
<b>Adjunct Professor</b>	<b>1984 to 1985</b>
 <p>Taught classes of 30 to 45 students in the Computer Science curriculum. During this time I created and planned a new introductory programming class which became part of the schools regular curriculum. The class taught the BASIC language using only structured techniques (remember, this was 1984).</p> <p>Class development included writing a textbook used for instruction, which eventually was sold on a regular basis in the school bookstore.</p>	

<b>United States Air Force</b>	<b>TX, GA, MS, OK, Germany, Egypt</b>
<b>Systems Analyst / Software Engineer</b>	<b>1978 to 1984</b>
 <p>Software engineer and systems analyst with a Top Secret/SBI Security clearance. I developed programs to measure and report computer system performance on classified communication computers. The programs were integrated into a capacity planning and resource management system.</p> <p>I also developed numerous statistical utilities, data presentation and data graphing programs that ran in real-time with different kinds of hardware monitoring equipment (including NCR ComTen, Hewlett Packard &amp; Perkin Elmer). Probably my first experience with creating abstraction layers in software.</p> <p>Additionally, my 3 years in a Special Combat Communications Group led to the award of the U.S. Air Force Commendation Medal (highest award in the Air Force). There's more, but I really can't talk about it.</p>	

							
	Project Management		RDBMS Concepts		Software Business Analysis		Data Modeling Concepts