

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 (**SOA Platform**), including Analysis, Architecture, Security, Design, Project Management and Technical Leadership.



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

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



State of Oregon - Salem, OR

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



Trinity Technology Group - Sacramento, CA



Perk Systems, Inc. - Sherwood, OR

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



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

2nd 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.

1st 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). 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).

Complete Business Solutions Inc. (CBSI); Claremont Technology Group
Chief Technical Architect / Senior Director

Columbus, OH and Portland, OR
February 1997 to March 1999



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.



CLARE MONT - 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.

Cambridge Technology Partners,
Group Technical Manager / Senior OO Architect

Detroit, MI and Columbus, OH
1995 to February 1997



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.

Softstar Research, Inc.
Director

Southfield, MI
1989 to 1994

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, PO)
- 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

- Norco Sound (Windows Comm. Program)

Diversified Service Technologies - Romulus MI

- Data Acquisition, Vehicle Measurement System

<ul style="list-style-type: none"> • Area Measurement (CAD Application) • SBT Accounting Customization <p>Energy Solutions Inc. - Hayward CA</p> <ul style="list-style-type: none"> • Technical Consultant, Joint Venture (Soviet Union, Norway, Spain) 	<ul style="list-style-type: none"> • Data Acquisition, Vehicle Title Table, A/D Hardware <p>Freedom Financial Marketing Group - Union City CA</p> <ul style="list-style-type: none"> • Voice Mail Marketing System / Auto Telephone Dialing System
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Total Travel Management	Troy MI
Manager of Branch Automation	1988 to 1990
 <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 ESQL (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>	

Electronic Data Systems (EDS)	Troy MI and Sacramento, CA
Project Manager / Systems Engineer	1984 to 1988
 <p>Project Manager</p> <p>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 & 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>Team Leader</p> <p>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>	

Oklahoma City Community College	Oklahoma City, OK
Adjunct Professor	1984 to 1985
 <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>	

United States Air Force	TX, GA, MS, OK, Germany, Egypt
Systems Analyst / Software Engineer	1978 to 1984
 <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 & 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	 MASTER RDBMS Concepts	 Software Business Analysis	 Data Modeling Concepts
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