

## RESUME

# NAGESH V. ANUPINDI, Ph.D.

### ACCOMPLISHMENTS

- ◆ Established IT strategy and roadmaps for a \$10B company in 93 technological areas.
- ◆ Turned around an abandoned multi-million dollar investment in Enterprise Architecture toolset into a 24x 7 critical system that is being used by IT organization.
- ◆ Planned and managed operational and capital budgets over \$11M per annum.
- ◆ Directed teams of 50+ for highly effective results oriented execution and delivery.
- ◆ Regenerated people's performance and established operational value for IT.
- ◆ Graduated from Indian Institute of Technology (IIT), Chennai, India.
- ◆ Obtained Bachelors, Masters, and Ph.D. in Electrical & Computer Engineering.
- ◆ Received Lifetime Achievement Award for Exemplary Courage: Dale Carnegie Institute.
- ◆ Received national-level Thomas Edison Award through innovations in utility industry.
- ◆ Received 30+ corporate awards for high quality delivery and business development.
- ◆ Continuing 13<sup>th</sup> year of commitment in marriage - a partnership that has been raising a set of healthy and intelligent 8-year-old twin-girls who are into 3<sup>rd</sup> grade at a gifted and talented school.

### PROFILE

- ◆ Track record for successfully creating short- and long-term IT vision that is relevant to diverse and complex businesses, communicating it to the leadership in a powerful and persuasive manner, and systematically implementing the vision.
- ◆ Sparks new initiatives that provide cumulative positive effect and builds morale along the way; eventually reduces operational costs through transparency and consensus.
- ◆ Ability to establish governance models for implementing the change by using clear metrics, resources, financials, consensus, and political realities.
- ◆ Provides strategic and operational direction for the planning, designing, implementing, and maintaining information technology environment including disaster recovery.
- ◆ Proactive, dynamic, and well-rounded IT professional with outstanding personal, communication, execution, and leadership skills. Performed mentoring sessions.
- ◆ Ability to motivate people and manage large teams in mission critical environments.
- ◆ Works with business and outsourced partners to achieve corporate goals.
- ◆ Cross-disciplined knowledge of information, application, technology, and business architectures. Ability to work with stakeholders and bring consensus across.
- ◆ Develop information technology architectural standards, policies, and methodologies.

### ABOUT

**TECHNOLOGY  
CHANGE  
AGENT**

**CHIEF ARCHITECT**

**VP / DIRECTOR OF  
ARCHITECTURE**

**CHIEF TECHNOLOGY  
OFFICER**



[nagesh@nagesh.com](mailto:nagesh@nagesh.com)

**303.246.6641**

4563 Longs Court  
Broomfield, CO 80023

### BUSINESS SKILLS

- ◆ Turnarounds and change management.
- ◆ Budgeting, Investment Priorities, and Execution.
- ◆ Technology Strategy for advancing the Enterprise.
- ◆ Compliance and Process management.
- ◆ Vendor and Contract Management.
- ◆ Resource acquisition, skill development and retention
- ◆ Governance creation and establishment.

### TECHNICAL SKILLS

- ◆ Reference Models & Architectural Frameworks such as Zachman, DoDAF, and TOGAF.
- ◆ Business Analytics, Data warehousing, OLAP, Operational Data Stores, and Data Marts.
- ◆ Multidimensional star-schema data modeling, RDBMS, ERWin, and SQL Programming.
- ◆ Building & Adapting collaboration environments
- ◆ Visual Basic, .NET, ASP, C#, EAI / TIBCO.

## PROFESSIONAL EXPERIENCE

### 2003-Present **Chief Architect and Director of Architecture: Xcel Energy**



- ◆ Established Technology Governance Processes and turned-around an Architecture team of 14 and Strategic Information Service team of 23 with a budget responsibility over \$11M.
- ◆ Initiated and deployed enterprise architectural reference system using Troux Technologies.
- ◆ For 473 systems, the as-is architecture with infrastructure, people, integration, and business function details are established. This system is being referenced across IT on 24x7 bases.
- ◆ By reporting to CIO organization of 700+ staff and through managing Enterprise Architects, established Technology Roadmaps for 93 technology areas. Obtained consensus for these roadmaps with the stakeholders from IT Operations, Business Liaisons, and IT Leadership.
- ◆ Proposed and managed strategic initiatives over \$5M budget: XcelEnergy.com & StrataVia.
- ◆ Recipient of CIO Excellence Award in 2005 from Ray Gogel, a highly renowned change agent.
- ◆ Recipient of Thomas Edison Award in 2006 for the most innovative team in utility industry.

### 2002-2003 **Enterprise Architect: Qwest Information Technologies, Inc.**



- ◆ Working with a team of 12 Principal Technologists, established solution architecture for business systems with budget of \$15.6M using diversified technologies and skills.
- ◆ Established technology direction for Enterprise Document Management (EDM) using Stellent's Content Server and Publisher. By providing designs for robust and stable architecture, Stellent has achieved vendor independent application and business rules layer.
- ◆ Seamlessly integrated homegrown document repositories called eMedia and InfoBuddy.
- ◆ Exploited reusable objects, generated EDM standards, and communicated the technology vision to a group of 30+ developers, business analysts, and project managers.

### 2001-2002 **Strategic Architect: Comsys International**



- ◆ By managing 5 architects, 8 C# .NET developers, and working with several operational resources, proposed and built an architectural system called Enterprise Virtual Repository.
- ◆ With \$4.6M budget, this homegrown tool was integrated with System Architect's Popkin and provided dynamic interface for technology governance organization.
- ◆ Created intelligent grouping between technical resources and business functions. Using these groups, the sub-departments within IT gained clarity to align with business units.

### 1999-2001 **Intranet and Extranet Architect: Qwest Communications through Immedient**



- ◆ Directed 50+ technical staff of programmers and analysts with budget over \$12M per year.
- ◆ Discovered, Designed, Developed, and Deployed 70+ intranet applications, 15+ internet-based (Qwest.com) applications, and a large corporate financial system for managers to allocate quarterly bonuses to 11,000 employees with time-sensitiveness and confidentiality.
- ◆ Built an Operation Data Store to consolidate 9 disparate systems including Qwest's financial data warehouse; created a web-based front-end application for reporting and analysis.

### 1999-2000 **Information Architect: J.D.Edwards through Immedient**



- ◆ Played integral role in creating J.D.Edwards' turnkey solution that was required for developing next version of their OneWorld product deployed in 1996. It was known to have several quality issues that brought back the founder Ed McVaney from his retirement.
- ◆ Established Information Architecture for the applications deployed on OneWorld, managed by the MIS organization. Created templates to relate processes, applications, and data.
- ◆ Created foundation and managed the implementation of an Operational Data Store that provided "Single Customer View" by integrating 27 disparate sources within the OneWorld.

### 1998-1999 **Product Technical Architect: Bentley Networks & Lending through Immedient**



- ◆ Designed an automobile store using object-oriented principles with true reusable objects; deployed on the Internet allowing links exclusively for partnering credit unions.
- ◆ Integrated data store that has included inventory of Automotive Avenues (a subsidiary of Bentley Networks), new car data, used car data, automobile options data, insurance data, and gap coverage data for end-users to understand the TCO of an automobile.

**1997 Senior Software Architect: ProCard, Inc. through Immedient**

- ◆ Designed from ground-up the ProCard's TransPlus system that collects files from different credit-card processors; cleanses, summarizes, and segregates the data for ProCard's ProValue System; and generates several clients' internal reports for business decisions.
- ◆ Designed the data-model in ERWin software and completed functional specifications.

**1997 Business Architect: Premiere Conferencing through Immedient**

- ◆ Designed the client/server technology prototype and delivered Functional Specifications for the Customer Care System describing all the business functionality, services provided for the user and the resulting data services in the system.
- ◆ Later guided the development team in utilizing and optimizing Visual Basic 5.0 code, Oracle data-modeling and tuning, and implementation of the necessary COM objects.

**1997 Database Architect: Great West Life through Immedient**

- ◆ Designed the data-model and functional specifications for RVP System that receives data from Benefits Communication Corp's (BCC) insurance agents in the field, gets authorized by the Regional Vice Presidents, and finally goes to the administration department of BCC.
- ◆ Managed the system implementation, with necessary security for confidentiality, as this system helps calculating salaries and bonuses for the entire insurance staff.

**1996-1997 Information Architect: Bureau of Reclamation through Immedient**

- ◆ Designed and Developed an Operational Data Store, called Transformation and Integrated DataBase (TIDB), containing current and updateable data for tactical management.
- ◆ TIDB has been used as a reference database to feed three operational systems as well as the Bureau's Data Warehouse (BDW). Designed the data-model for this Data Warehouse.
- ◆ Trained and mentored six individuals in data modeling and database tuning skills.

**1996 Software Designer: Mutual of Omaha through ABC Consulting, KS**

- ◆ Trained and mentored eight individuals for Client/Server development with Visual Basic 3.0 as presentation layer, Visual C++ 1.5 DLLs as business module layer communicating to DB2 database through IBM Common Client and CICS COBOL programs.

**1996 Business and Software Designer: Peter-Kiewit Sons through ABC, KS**

- ◆ Provided client/server application prototyping for Community Healthcare Information Network (CHIN) including screens, database design, and interacting with physicians for user requirements. This product is used for obtaining projects from hospitals and med-institutes.
- ◆ Developed client/server application for hand-held computer using Visual Basic 3.0 and 4.0 called Visiting Nurse Association. Designed the underlying data-model using ERWin/ERX.

**1995-1996 Software Module Designer: Yellow Freight Technologies through ABC, KS**

- ◆ Designed a wireless module called Equipment Change for MDTs operated by the truck-drivers in the field. These changes are kept in sync with the headquarters for changes occurring to the tractors or any of the three trailers.
- ◆ Worked through full life-cycle including designing the message format, table designs, preparing dynamic SQLs, business logic objects using Pro\*C / Oracle, and PowerBuilder.

**1993-1995 High-performance Algorithm Developer: Aware Incorporated**

- ◆ Conduced experiments for High Performance computing of Fast Fourier Transform (FFT) algorithms on Intel's Supercomputers - Delta, Paragon, and iPSC/860 with distributed UNIX environment that included up to 512 microprocessors. Used C and FORTRAN languages.
- ◆ Written programs using Tensor mathematics and derived newer FFT algorithms using highly complex library from Intel Corporation that are custom made for communicating and distributing workload among 512-processor supercomputer.
- ◆ This experience was proved to be highly useful in demonstrating the efficiency of the algorithm that is derived during Ph.D. dissertation.

## EDUCATION

- 1991-1994 Doctor of Philosophy (Ph.D.):** Department of Electrical and Computer Engineering  
University of Rhode Island, Rhode Island, USA.
- 1989-1991 Master of Science:** Electrical Engineering, Center for Systems & Devices  
Indian Institute of Technology, Madras, India.
- 1985-1989 Bachelor of Engineering:** Electronics & Communications Engineering  
Osmania University, Hyderabad, India.
- 1983-1985 Bachelor of Science:** Physics  
Andhra University, Visakhapatnam, India.

## PUBLICATIONS

- 2008 Nagesh Anupindi,** "How to Use Automation Portfolio Management", eWeek, July 2008.
- 2004 Nagesh Anupindi,** Gerry Coady, Michael Bates, Bill Santos, "Unregulated IT: Beyond Today's Utility Computing", Network InterOp, Las Vegas, 2004.
- 1997 Nagesh Anupindi,** "Getting Entity and Attribute Relationships without ER Software", Oracle Magazine Interactive, October 1997.
- 1996 Nagesh Anupindi,** K. M. M. Prabhu, R. Shanmuga Sundaram, "Generalized Pruning at the Input of Radix-2 DIF FHT Algorithm", *Signal Processing*, Vol. 51.
- 1995 Nagesh Anupindi,** Myoung An, M. Blestas, G. Kechriotis, "Comparison of 2-D FFT Implementations on the Intel Paragon Massively Parallel Supercomputer", Vol. 4, pp. 2755-2758, *International Conference on Acoustics, Speech, and Signal Processing*.
- 1995 Nagesh Anupindi,** Richard Tolimieri, Myoung An, "Group Invariant Fast Fourier Transform Algorithms", *Advances in Imaging and Electron Physics*, Academic Press.
- 1994 Nagesh Anupindi,** Myoung An, James W. Cooley, Yang Q., "A New and Efficient FFT Algorithm for Distributed Memory Systems", pp. 107-112, *International Conf. on Parallel and Distributed Sys.*
- 1994 Nagesh Anupindi,** "Data Partition and Migration for High Performance Computation in Distributed Memory Multiprocessors", Ph.D. Dissertation, The University of Rhode Island.
- 1993 Nagesh Anupindi,** K. M. M. Prabhu, "New Radix-3 and -6 Decimation-In-Frequency Fast Hartley Transform Algorithms", *Canadian Journal of Electrical and Computer Engineering*, Vol. 18, No. 2.
- 1991 Nagesh Anupindi,** "Some New Results in Fast Hartley Transform Algorithms", M.S.Thesis, Indian Institute of Technology.
- 1991 Nagesh Anupindi,** K. M. M. Prabhu, "Pre-folding in FHT Algorithms", *Electronics Letters*, Vol. 27, No. 11.
- 1990 Nagesh Anupindi,** K. M. M. Prabhu, "New radix-3 Fast Hartley Transform Algorithm", *Electronics Letters*.
- 1990 Nagesh Anupindi,** K. M. M. Prabhu, "Split-radix Fast Hartley Transform Algorithm for Real-Symmetric Data", *Electronics Letters*, Vol. 26, No. 23.

## AWARDS

- 2006 Thomas Edison Award** at Xcel Energy as core member of Utility Innovations team.
- 2005 CIO Excellence Award** at Xcel Energy by Raymond Gogel, a highly renowned change agent.
- 2003 Lifetime Achievement Award** for Exemplary Courage, Dale Carnegie Institute. Presented by Joseph P. Mahoney, General Partner, Dale Carnegie Institute, Rocky Mountain Region.
- 1995-2003 30+ Corporate Awards** for excellence in Design, Delivery, Business Development, and Sales.

**Citizen of United States of America**  
**References from top executives are available to well qualified employers**