

# Pavan K Vankadaru

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## Supply Chain Solutions / SAP Transformations / Project & Integration Management

### Summary

Experience

Employment

Education

Skills

Engagements

Supply chain leader with over sixteen years of experience in providing leadership, management and technology transformation expertise various fortune-500 companies. Cross Industry knowledge across Oil & Gas *Manufacturing*, *Industrial Manufacturing*, *Life sciences (Biotech, Pharmaceuticals)*, *retail and Hitech sectors*. Global experience working with teams in Americas, Europe, Middle East and Asia. Experience working with Big 4 consulting companies in roles of Solution Architect, Integration/ Project Manager and completed over fifteen SAP based transformations.

Lead Supply chain transformation initiatives broadly across PLAN, BUY and MAKE streams in the role of a Solution architect in a variety of manufacturing scenarios. Hands on implementation knowledge of multiple modules in SAP suites ECC, PLM and SCM (PP/MM/PM/PS/QM/APO). Familiarity with SAP Hana based IBP solution. Implemented sales and operations Planning frameworks (S&OP) at several manufacturing clients. Strong knowledge of collaboration with various business functions for promoting and adopting S&OP. Published white papers on Integrated Business planning and a speaker at Industry conferences like SAP Insider.

Notable recent projects include leading a Global SAP Supply Chain template deployment across 50 plus countries as part of an acquisition for Oil services major in Houston. In another project, lead SAP based business performance improvement & turnaround strategy for manufacturing facilities in USA, France & Brazil for an Oil equipment manufacturer in Houston.

Collaborative management approach and works with C level and as well as team members. Enjoys coaching people and currently in the process of acquiring executive coach certification. Taught engineering and management courses at graduate level in University.

### Key professional experience

- |  |          |
|--|----------|
| ▪ Supply Chain and Organizational transformation | 14 years |
| ▪ SAP Design & Solution Architecture             | 16 years |
| ▪ Configuration & Deployment                     | 09 years |
| ▪ Project & Integration Management               | 10 years |
| ▪ General Business Management                    | 08 years |

### Functional expertise / Core Competencies

- **SCM Processes - Plan, Buy, Make, Quality Processes**
- SAP Modules – **PP/MM/SD, PM/QM/PS, APO**
- Supply chain management, strategies & Optimization
- Integrated Planning – **Sales and Operations Planning (S&OP)**
- **Manufacturing Processes** – Make to Stock, Make to Order, Repetitive & ETO
- MRP system stabilization – Discrete, Process & Repetitive Industries
- MRP in a Project based manufacturing scenario
- Manufacturing execution - Shop floor Automation, ERP / MES Integration
- **Standard & Electronic Procurement**
- Vendor Management
- **Repairs Processes** – Preventive and Corrective Maintenance
- **Logistics & Foreign Trade**
- Supply chain software patent evaluation & infringement litigation

### General business skills and capabilities

- Lean Six Sigma
- Facilitation, Decision making
- Risk Identification, Management and Mitigation
- ERP System implementation methodology
- Business Metrics Improvement

*Selected examples of work delivered*

Hitech Manufacturing & Services (Hewlett Packard, USA) – July 2015 – Jan 2016 (**Advisory consultant – Management & Technology**)

- Responsible for smooth transition from parent company in to the new divested companies's structure, building the team & roles in the new organization
- Accountability to deliver incremental functions in services **supply chain** (ECC / APO)
- Accountable to develop strategies Instance consolidation strategies across geographies
- Work with SAP SLO to complete pending activities from the divestiture

Industrial Manufacturing (Onesubsea, Brazil) – Sept 2014 – March 2015 (**Lead Supply Chain Consultant**)

- Responsible for turning around business performance KPIs such as ontime delivery
- Identified root causes of the problems affecting the client from process, SAP system and organization
- Recommended organizational, process and system changes and provided a road map for change
- Facilitated several critical decisions, established consensus between diverging cultures and opinions

Industrial Manufacturing (Schneider Electric) – Feb 2013 – July 2014 (**Lead Supply Chain Consultant**)

- Responsible to provide **SAP supply chain (MRP)** detailed design and implementation support across **Make to order, Engineer to Order scenarios and Repetitive manufacturing** scenarios for a large electrical equipment manufacturing company
- Responsible for guiding the client to develop the right replenishment strategies across MRP, Reorder point, Kanban
- Deployed MRP in a **SAP PS** environment where custom engineered heavy machinery were manufactured
- Responsible for Design, Configuration, Testing and full roll out and also develop a global template

Oil Services (Baker Hughes) - Dec 2010 – August 2012 (**Supply Chain Deployment Lead**)

- Responsible to **deploy** supply chain a supply chain template including **SAP MM / PM / PP / QM** modules across 58 countries
- Travelled to Europe, Middle East and Asia to capture local requirements and aligned with the corporate template requirements
- Responsible for requirements gathering, Configuration, Testing, master data and full roll out of global template

Oil and Gas - Industrial Manufacturing (Cameron) – April 2008 – 2010 (**Solution Architect / Project Mgr**)

- Re-defined SAP solution architecture & process design for **MTS, MTO, ATO, ETO** scenario and also improving key metrics such as ontime delivery, inventory turns etc using SAP **PP/MM/SD**
- Responsible for Design, Configuration, and quality testing.
- Execution rollouts at 3 major sites (France, Romania, USA) and currently rolling out a fourth US site
- Responsible for both solution design, Architecture & project management

Steel - (Steel Technologies) October 2007 – March 2008 (**Design Lead**)

- Responsible for the overall design and architecture of manufacturing and supply chain process for the organization using technologies such as **SAP PP/MM, XMII** and Business warehouse
- Worked with a team of 7 members to translate business requirements in to design and architecture of the SAP system
- Responsible for all blueprinting, configuration of SAP, testing and production support

Patent Infringement Litigation (Law Firm) – 2007/2008 (**Consultant**)

- Supply chain expert consultant to a law firm
- Analysis of **Supply chain** software patents
- Identifying key areas of patent infringement between two SCM products of different companies

Biotechnology - (Genentech) (**AP0 Team Lead / Project Mgr**) - Jan 2007 – July 2007

- Responsible for deploying SAP **PP & APO** to handle the client's supply chain planning requirements
- Scope of the project included demand planning, supply planning and detailed production planning processes using **AP0-DP, SNP** and **PPDS** modules
- Responsible for all blueprinting, configuration of SAP, testing and production support
- Managed a team of over 15 members including consultants and business team members
- Worked with business process owners and supply chain leaders for driving key decisions

Industrial Automation – (Schneider Electric) (**Functional Team Lead for Supply Chain and Backoffice**), Sept

2005 - Dec 2006

- Responsible for managing multiple projects in the functions of foreign trade, manufacturing systems and supply chain planning
- Provided solution architecture to the future state supply chain design using **SAP PP, PP / MRP, SAP APO** spanning across **Demand** planning, **Supply** planning and Inventory management processes
- Key role for the development of **Global Core Design** of SAP
- Architected SAP integration with shop floor manufacturing execution system.
- Managed a team of over 20 members across 4 tracks. Operated at business process owners and leaders of supply chain and manufacturing
- Liaison for facilitating communication & design between the global and local north American teams

Retail (Consumer products and Apparel) (Limited Brands) – **Integration & Deployment** April 2005 - Sept 2005

- Member of the team responsible for managing solution integration of a large scale supply chain transformation project involving multiple technology platforms and processes
- Managed the deployment of purchase to pay and finance to manage process streams for one of the business units at this client
- Technology platforms for solution integration include **SAP Retail, SAP APO**, Manugistics and Windchill.
- Established strategy, approach and operating model for accomplishing solution integration across multiple technology platforms and processes
- Provided the framework to build consensus across several large teams to accomplish an integrated supply chain solution

Pharmaceuticals – (Nabi Pharma) **Consultant** Feb 2005 - March 2005

- Identified opportunities for improving the efficiency of supply chain processes in anticipation of huge demand from the launch of new drugs
- Focused in improving **demand planning, supply planning**, costing and quality management processes
- Recommended SAP based planning solutions compatible with CGMP environment
- Provided an approach for integrating SAP systems with external systems

Retail (Apparel and Footwear) – (Reebok) **Solution Architect / Project Manager** Nov 2004 - Jan 2005

- Solution architect & Project manager for the design of a custom supply planning optimization tool as a 'bolt on application' to **SAP - Retail** and **SAP – MM**
- The solution was aimed at determining the optimum production factory based on cost, time, tooling, trade regulations etc.
- Provided functional design and technical design for custom development. Provided estimates, direction and project management methodology to an *offshore* organization for undertaking the custom development of the solution.

Telecommunications – (Lucent Technologies) **Consultant** Sept 2004 - Oct 2004

- Provided project management framework to run multiple IT projects in parallel. Developed a solution that used IT tools and work processes combining with best practices for running projects. Provided direction to the client in using 'Enterprise Architecture' tools like ARIS for process modeling and integrating Aris with SAP-Solution manager to drive IT projects
- Conducted facilitated sessions and gathered business requirements of various user groups for implementing Electronic Procurement process. Used Ariba-Buyer as the technology platform. Translated the user requirements in to technical specifications and guided the programmers to code business rules using SCHEME to support the workflow and approval process.

Biotechnology – (Becton Dickinson Bio Sciences) **Solution Architect** May 2003 - Aug 2004

- Lead solution architect for the implementation of **Sales** and **operations planning** across four business units. The scope of solution included **WW Demand planning, Collaborative demand planning, supply planning** and **revenue planning** processes.
- Worked with client leadership team, functional groups from operations, sales, Marketing and finance to gather requirements identify gaps and build a consensus for an integrated solution design. Used **SAP R3/BW/SEM/APO** technologies to build an integrated solution for supporting the S&OP process.
- Provided direction to the client on the design of planning organization and the associated roles. Recommended venues for centralization of planning functions

Chemicals – (Degussa Corporation) **Design Lead** Sept 2001 - Jan 2003,

- Key design role for **SAP-PP PI** module at a large **chemicals manufacturing** client with an organization scope of 7 business units across 20 manufacturing sites. Provided leadership and hands-on experience for all the activities from Blue print through realization, testing, go-live & Production

- support. Managed a client team of 7 – 10 members in different phases of the project
- Configured the MRP system to suit the needs of several product families. Integrated MRP with Sales and Distribution module for providing 'Available to Promise' functionality. Provided thought leadership on the project in handling the complexity of MRP, Subcontracting, ATP and the Integration points of PP with CO-PA, WM, QM, MM and SD

Industrial Fabrics (St Gobain Technical Fabrics)- **Team member** May 2001 - July 2001

- Key member of the design team for Production Planning Module Implementation. Involved with requirements gathering, gap analysis, configuration, testing and training for the major components of **PP functionality**.
- Developed interfaces between **PP module** and **Shop floor system**. Managed a team of 3 members

Steel - (Republic Technologies) **Team lead** Nov 2000 - April 2001

- Team lead for Data migration effort. Lead the effort on Migrating SAP data to a custom-built data warehouse. Provided the client with data migration strategy, Project Plans that helped them to make decisions on data migration. Developed and maintained other Project Management deliverables. Managed 3 resources
- Production support activities of **PP/MM/QM** modules to custom built interfaces between SAP and Process automation (VAX systems). Conducted facilitated sessions to gather extraction requirements for PP/MM/QM/WM modules. Guided the coding team to write ABAP code, tested their programs for compliance with specifications and helped the client to sign off on design.

Telecommunications (Sprint) - **Team member** April 2000 - October 2000

- Helped the business team gather business requirements for electronic procurement application i.e Ariba
- Focused specifically in the area of work flow rules

Chemicals – (Union Carbide) **Design Lead** Nov 1998 - Feb 2000

- Lead the PP-PI design team for deploying SAP in Canada
- The scope included the full life cycle and all of the sub modules in PP suite

Electronics – (Molex) **Team member** May 1998 - Aug 1998

- Coded SAP-ABAP/4 reports and guided several performance tuning tasks, Implemented OSS corrections. Worked on Setting up of Information Structures in **SOP** and coordinated several ABAP programs for data transport between Information Structures.

Summary Experience **Employment** Education Skills Engagements

2008 – Present	Founder / President – Smartcorp solutions INC
2007 – 2008	Principal, Perot Systems Consulting
2003 – 2007	Manager, Capgemini US LLC
1999 – 2002	Senior Consultant, Ernst & Young LLC
1997 – 1998	Systems Analyst, Cyber solutions INC
1995 – 1997	Teaching Assistant, Birla Institute of Technology

Summary Experience Employment **Education** Skills Engagements

1997	Birla Institute of Technology and Science, Pilani, India	<b><u>Master of Science in Industrial Production &amp; Management</u></b>
1994	University of Madras, India	<b><u>Bachelor of Engineering in Mechanical Engineering</u></b>
1999	SAP Academy.	<b><u>Certified SAP R/3 Consultant Production Planning</u></b>
2000	Ariba Certification	<b><u>Ariba Certified Engineer</u></b>
2002	APICS	

Summary Experience Employment Education **Skills** Engagements

Experience in methodology

- SCOR - methodology
- APICS - Concepts, Principles
- S&OP - Class A Frameworks
- Lean Six sigma
- SDLC - Software development Life cycles
- PMI - Project management methods
- ASAP Methodology

Details of SAP Modules

SAP Production Planning	Expert / Certified
SAP APO / IBP	Knowledgeable
SAP Materials Management / SRM	Expert
SAP Quality Management	Integration Expert
SAP Plant Maintenance	Knowledgeable
SAP Project Systems	Knowledgeable
SAP Sales and Distribution (SD)	Integration Expert
SAP Solution Manager / Global Templates Method	Experienced
ARIBA	Certified
SAP HANA / IBP	Foundation
ABAP Workbench	Reading comprehension

Process modeling and documentation

- IDS Sheer ARIS Process Modeling
- Microsoft Visio

Productivity Tools

- Project Management tools such as Clarity©, MS Project, Nimbus
- Mercury Test Director
- RWD Training Material creation Tools
- SAP Solution Manager

International work experience in the following regions:

- USA, Europe (France, UK, Norway), Russia, Kazakhstan, Romania
- Latin America (Brazil, Argentina, Columbia)
- Middle East (UAE), Asia - Australia, Singapore, India

Languages

- |           |               |         |               |
|-----------|---------------|---------|---------------|
| ▪ English | <i>Fluent</i> | ▪ Tamil | <i>Fluent</i> |
| ▪ Telugu  | <i>Native</i> | ▪ Hindi | <i>Good</i>   |



*Below are the details of clients and the details of primary / secondary roles in IT that pavan has participated over the past 16 years*

	<b>Clients</b>	<b>Industry</b>	<b>Primary</b>	<b>Secondary</b>
1	Hewlett Packard	Hitech	SCM, Strategy	Project Management
1	Onesubsea	Oil and Gas	SCM, Manufacturing	Project Management
2	Schneider Electric	Industrials	SCM, Manufacturing, PP/MRP, PS	Project Management
3	Baker Hughes	Oil and Gas	Project Management,	Supply Chain
4	Cameron	Oil and Gas	SCM, Manufacturing, PP/MRP/MM	Project Management

5	Steel Technologies	Steel Manufacturing	SCM, Manufacturing, PP/MRP/MM	Project Management
6	Genentech	BioTech / Pharma	SCM, Manufacturing, PP/MRP/MM	Project Management
7	Schneider Electric	Industrials	SCM, Manufacturing, PP/MRP/MM	Project Management
8	Limited Brands	Retail / Distribution	SCM, Retail, PP/APO / MM	Project Management
9	Reebok	Retail / Distribution	Supply chain Planning, Retail, MM	Project Management
10	Lucent Technologies	Telecom	Project Management	Project Management
11	Nabi Pharmaceuticals	Pharmaceuticals	PP-PI, SCM, Materials management	Project Management
12	Becton Dickinson Bio Sciences	Biotech	PP/APO/Supply chain	Project Management
13	Republic Technologies	Steel	Manufacturing, PP/ MM	Project Management
14	Degussa Corporation	Chemicals	Manufacturing, PP/MM, MRP	Project Management
15	St Gobain Technical Fabrics	Textiles	Manufacturing, PP, Shop floor	Project Management
16	Sprint PCS	Telecom	Procurement , Ariba	Project Management
17	Union Carbide	Chemicals	Manufacturing, PP/MM	Project Management
18	Molex Inc	Electronics	Manufacturing / Reporting	None