

Summary

Started the journey as an entrepreneur in Healthcare industry, learned the domain knowledge of health care for five years, become mentor for doctors for teaching computers with the support of NIIT for Two years. Implemented Supported and serviced software part of Wipro GE Customers through Manmar for Five years and had the opportunity to work with a variety of software packages and applications through all stages of development in the project cycle from conception to post-delivery support in Imaging Solutions. Focus started on developing right products and solutions in Imaging and Telemedicine and worked with GE, Olympus in Malaysia and Intel, TCS in India for three years, thus five years of healthcare functional exposure and ten years of technology exposure helps to provide right solutions to the end-users by leveraging appropriate Technology.

Experience

03/2007 – Till Date Program Manager - Telemedicine

Byrraju Foundation is a Non Profit Organization serving rural community with 40+ modules through Six Sigma process.

- Responsible for planning and implementing Telemedicine interventions at field level
- Successfully coordinated and implemented Tele ECG among 32 Ashwini (Village Virtual Delivery Centre) platform and Computer World of honors awarded this project.
- Successfully designed a program on Dialup Tele ECG Model and rotated among non Ashwini platform villages to extend the service to them.
- Increased the patient usages of Telemedicine Services from ASRAM Hospital, Eluru from our adopted villages, working on various processes includes green belt of Six Sigma.
- Demonstrated and convinced UNDP on Wireless Telemedicine using Data Card as connectivity and working on implementing the project (Project Vastram)which is pilot and first of its kind project in 25 rural places in and around east and west Godavari, Andhra Pradesh.

09/2006 - 02/2007 Business Analyst- SN informatics Pvt Ltd, Bangalore, India

SN informatics PVT LTD is the healthcare software company providing solutions like Hospital Management System and telemedicine, which is part of **Shankar Narayana Group**.

- Responsible for building New version SN ECG Software
- Supporting the Intel-NH- VIIT Baramati Initiative of implementing the Tele diagnosis project “Aarogya Jaal” where Intel Chairman Craig Barrett Inaugurated the project during November 2, 2006
- Coordinator for Intel-TCS-NH Tindivanam initiative of Implementing the Teliagnosis Project which is likely to be extended all over Tamil Nadu
- Responsible for building implementing and training the Unique Hrudypost Project where Web and rural post offices are used for the Interpretation of angiogram and reporting of cardiac services.

- Worked with team to enable HL7 Interface for our Hospital Management System for American Academy of Cosmetic Surgery Hospital which is in Dubai Health City and become first organization to be recognized by authorities.

04/2005 – 08/2006 Application Specialist, Raveen Systems, Chennai

Raveen System is an Imaging solution organization which has OEM arrangement with Olympus, GE for bundling the imaging software in Singapore and Malaysia

- Responsible for Developing the AVITA, Imaging Software
- Responsible for providing presales support up to demo level to the Vendors of Singapore and Malaysia.
- Responsible for providing technical support to GE, Pentax and Olympus in Singapore and Malaysia..
- Build and implemented a Proof of Concept 'Vira' at Yasodha Hospital, Hyderabad.

01/1999 – 03/2005 Sales and Service Executive – Manmar Technologies Limited. Chennai

Manmar Technologies Limited is the first imaging software organization bundled its software packages with Wipro GE Medical Equipment

- Responsible for launching Sonoware which is image grabbing software in Andhra Pradesh and Maharashtra.
- Responsible for sales and support of and building Proof of Concept Customers for Proarits, Cupid, Emage and Unison
- Responsible for providing technical support to Wipro GE OEM division.

01/1997 - 12/1998 Mentor: (IITD) Institute of Information Technology for Doctors

Institute of Information Technologies for Doctors is intended to train the doctors in basic computing skill with the support of NIIT

- Responsible for identifying and planning the satellite centers with the support of NIIT
- Responsible for building schedule for training doctors
- Training and Mentoring doctors on the MS DOS, MS office, Internet and E-mail. Trained 500 doctors on computer in various satellite learning centers.
- Responsible for coordinating and supporting NIIT initiatives with Doctors.

06/1992 - 12/1996 Partner – Jessar Pharmaceutical Pvt Ltd, Hyderabad

Jessar Pharmaceutical Pvt Ltd is started as a pharmaceutical marketing company with a group of likeminded professionals

- Responsible for marketing Kabikinase, Kabi Pharmacia Sweden Streptokinase that has to be given within half an hour of the heart attack. Developed market for complete Andhra Pradesh.
- Distributed imported cancer, cardiac and other life saving products to all the corporate hospitals in Andhrapradesh.
- Developed branded products through contract manufacturing and developed market in Andhrapradesh.

Academic Qualification:	B.C.A Pursuing MBA (Hospital and Healthcare Management)
Skills	Proficiency in Computer Applications Hardware & Software Troubleshooting Knowledge in Dicom & Non Dicom Image Management Solutions Expertise in HL7 Compliance Competence to handle innovative projects

Projects Profile

Building SN ECG 2.0 Server and Client version

Cardiac Hospital has been connected with secondary and primary Hospital for providing teleconsultation and ECG interpretation connected through telephone or dial up connection. Incase of 512 Kbps dedicated bandwidth Video conferencing facilities of point to point and point to multipoint is possible.

1. Patient basic information is fed into software and patient is connected through ECG leads
2. ECG is taken and send it to cardiac specialty hospital for interpretation
3. Analysis with interpretation shall be received from Cardiac Hospital
4. Patient shall be handover report with ECG leads print out

Teleconsultation shall be initiated incase of Bandwidth availability

Client: Internal Development Team

Responsibility: Building framework for Remote installation and Publishing demo version in the website.

Aarogya Jaal: Intel-VIIT-NH-SN Initiative at Baramati

Conceptualize and understand the feasibility of a replicable model of a community health center with the aim of improving healthcare delivery Demonstrate how public-private collaboration can promote use of ICT in imparting healthcare at a sub-district level

1. Basic patient records
2. Patient identifier
3. OPD with Tele-consult
4. Tele-diagnostics
5. IPD with ADT and ordering
6. Inventory & stores

7. Administrative needs
8. Reports
9. Micro-insurance finance

Client: Intel Digital Health Group, Delhi

Responsibility: Supporting internal team for linking the Telediagnosis software with Eyesoft of Sankar Nethralaya

Tindivanam Project: Intel-TCS-NH-SN initiative at Health Minister Constituency

Conceptualize and understand the feasibility of a replicable model of a community health center with the aim of improving healthcare delivery Demonstrate how public-private collaboration can promote use of ICT in imparting healthcare at a sub-district level. Further it has been technically enriched by automating NH reports and incorporating SN ECG Viewer.

1. Basic patient records
2. Patient identifier
3. OPD with Tele-consult, net meeting
4. Tele-diagnostics with expert reports from Narayana Hrudayalaya and Shankara Nethralaya
5. Administrative needs
6. Reports

Clients: Intel Digital Health Group and TCS Chennai

Responsibility: Coordination, implementation of the project and training the end users

Hrudya Post: Telediagnosis through Post offices of Karnataka.

Web based Telediagnosis project, the server shall be available in Narayana Hrudyalaya, the client shall be available in the district post offices of Karnataka. People approach the post offices with their Angiogram and other medical data. The post office scan the medical data and upload the Angiogram file for second opinion to Narayana Hrudyalaya server. Doctors interpret and report the condition. Respective post office take the print out and deliver the report through postman to the patient's home.

1. Building Web interface
2. Capturing the basic details of the patients
3. Providing Scan facility in the web site
4. Upload facility of Angiogram with compression
5. Providing DICOM Viewer at Server Level
6. Reporting tool at server level

Clients: Naryana Hrudyalaya India and Karnataka Post

Responsibility: Designing the User Interface, Training the end users

Clearance of HoISys at Dubai Healthcare City (DHCC)

American Academy of Cosmetic Surgery Hospital (AACSH) is one of the Healthcare Operator (HCO) at Dubai Health Care City (DHCC). They have to submit their patient records to Healthcare Information Reporting & Analysis System (HIRAS) using HL7 Standard. Our Hospital Information System (HoISys) has to clear by DHCC by testing HL7 messages using their Data Capture Form (DCF). This is one of the prerequisite for AACSH to get a license from DHCC.

1. Study HL7 Integration Documents
2. Events Identification
3. HL7 Modularization
4. Generating Messages
5. Testing the Messages
6. Validating the Message through DCF

Client: American Academy of Cosmetic Surgery Hospital and DHCC

Responsibility: Complete integration of HL7 messages and visit DHCC for clearance

Health care Products

1. Sonoware / ProArtis: the ultimate solution for Ultrasound

Sonoware / ProArtis is a user-friendly, PC-based solution designed and developed to facilitate the Sonologists to generate automated sonography reports on a plain paper using an inkjet or a laser printer. The high quality image grabber card (provided with the application) captures the live images from the scanner in to the PC for an easy analysis and report preparation. A single page diagnostic report along with the required images thus can be printed on a plain paper for patient's record and a soft copy stored for future reference

2. Emage /Endoskop : the Ultimate solution for Endoscopies

Endoskop is a user-friendly, PC-based solution designed and developed to facilitate the gastroenterologist to acquire the analog images from the machine, copy the complete procedure on the CD or Hard disk and generate automated reports with image on a plain paper using an inkjet or a laser printer. A single page diagnostic report along with the required images thus can be printed on a plain paper for patient's record and a soft copy stored for future reference

3. Radiology Information System

Radiology Information System is integrating all the functions of Radiology department to streamline registration, scheduling, patient tracking, film management, and more. It can help Radiologist to develop a more efficient, more productive department and with fast, accurate results reporting capabilities.

4. Web PACS:

Application Service Provider from us enables Hospitals to store their images on the web servers of us. They can be accessed from anywhere in the world. Images can be viewed in JPEG format or DICOM format using any web browser and DICOM images can be downloaded and viewed from any DICOM compliant view station. Access is strictly restricted to authorized physicians and Radiologists ensuring patient privacy. The hospitals need not invest in expensive PACS systems and can avoid employing PACS and systems administrators. The process is opening ended and scalable.

5. DICOM View/Workstation

Our view station displays DICOM Study, Manipulation of Rotate / Flip / Contrast / Windowing / Shutter / Preview / SR Report viewing Multiple Study Display (MDI). One can acquire images from DICOM modality or acquire images from analog modality and convert to DICOM format. One can receive and send DICOM formats and has PACS interface.

Clients: WiproGE, L & T, Philips, Agilent, Shimadzu India Pvt Ltd, Hospitals, Diagnostic centers, Radiologists etc

Responsibility: Product study, designed applications through all stages of development in the product cycle from conception to post-delivery support, till implementation and further to business development