

PROFESSIONAL SELF-EVALUATION



PITAMBER VERMA



Outline...

- **About myself**
- **Career path in CRIS**
- **Objectives / Targets**
- **Achievements**

A collection of military medals and a compass are arranged on a wooden surface. In the top left, there is a red ribbon with a circular emblem. Below it is a silver star-shaped medal with a central emblem. To the left of the star is a blue ribbon with a circular emblem. Below the blue ribbon is another silver star-shaped medal. In the bottom left corner, there is a circular compass with a white face and black markings. A pair of glasses with thin metal frames and red-tipped temples lies across the middle of the scene.

CURRENT ROLE & RESPONSIBILITIES



CURRENT ASSIGNMENT

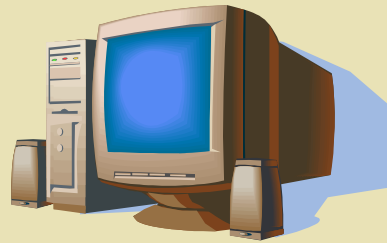
- **Additional General Manager/ PRS/ CRIS and Technical Head**
- **Looking after two major portfolios:-**
 - **Indian Railway PRS Data Warehouse**
 - **Indian Railway Commercial Portal**

Brief Professional Profile



QUALIFICATIONS

- **M.Tech. (Computer Technology) – Dec. 1987 from IIT, Delhi**
- **B.Tech. (Computer Science & Engg.) 1986 from IIT, Delhi**





EXPERIENCE

- About 20+ years of experience in the IT industry:-
 - **PRS GROUP OF CRIS** - Mar 1994 till date **(about 14+ years)**
 - Dev. & Engg. (Radar/Data Handling) at **BHARAT ELECTRONICS. GHAZIABAD** - Mar 1988 thru' Mar 1994 **(6 years)**



MEMBERSHIP OF PROFESSIONAL BODIES

- **Fellow of Institute of Electronics and Telecommunication Engineers (IETE), India.**
- **Senior Member of Computer Society of India (CSI), India**
- **Member, Institute of Electrical and Electronics Engineers Inc. (IEEE) USA since 1997.**
- **Member, IEEE Computer Society, USA since 1997.**



MEMBERSHIP OF PROFESSIONAL BODIES

- **Life Member, Institute of Rail transport (IRT), India**
- **Executive Committee Member, IIT Delhi Alumni Association, India (2006-2009)**
- **Member, IIT Delhi Excellence Foundation, USA.**
- **Member, The Data Warehouse Institute, USA**



Past Positions Held...

- **Executive Committee member of IIT Delhi Alumni Association (IITDAA), India (2001-2004)**



Achievements

- **Recipient of best services award (on behalf of CRIS) from M/S EMC “Services Sector” for utilising FC4700 Storage box for services to the public in Un-reserved Ticketing System. (Dec 2004)**





Achievements...

- **Represented CRIS as a technical expert in a half-an-hour Radio (live) Talk which was broadcasted on 21st. May 2004 on All India Radio (MAY 2004)**



International Publications

- **P. Verma, 'Passenger Data Warehouse for Indian Railways', International Conference on Information Technology: coding and Computing (ITCC:2004), Las Vegas, Nevada, USA. (April 2004)**
- **P.Verma, 'Change Management Software for large mission-critical application programs', IASTED International Conference on Software Engineering (SE 2004), – Feb 2004 in Innsbruck, Austria**



Achievements...

- **Best Achiever's Award by inclusion in Marquis Who is Who World 2007**
- **MD/CRIS award for E-Ticketing implementation module for Passenger Reservation on Internet (2005).**
- **MD/CRIS award for implementation of Unreserved Ticketing System (UTS) (Dec 2003)**
- **MD/CRIS award for porting the PRS software from VAX to Alpha system (2001)**



Achievements...

- **Adjudged among the top 100 CIOs in the country for the Year 2001 by MIS.**



PAST AWARDS...

- **Minister's award for outstanding contribution to Indian Railway for architecting, designing, developing, implementing and managing the CONCERT network.(1999)**
- **DSIR (Govt. of India) award for productionisation/ commercialization of first indigenously developed 'Low Flying Detection Radar' at BEL Ghaziabad (1990)**



OTHER PUBLICATIONS

- **P.Verma, 'PRS and related Systems', 7th. International Conference on Information Technology in Transportation, New Delhi, India Jan 2001**
- **P. Verma, 'Change Management in Large projects', Conference on Software Engg & Training, University of Texas, USA, March 2000**

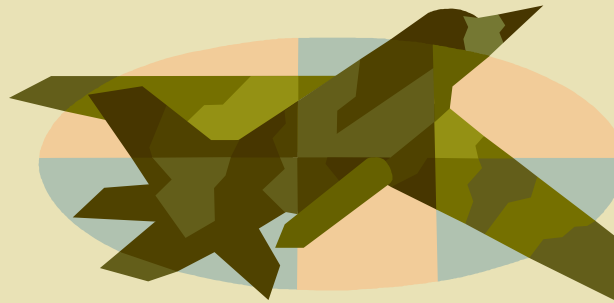


Past PUBLICATIONS...

- Pitamber Verma, 'Quality management in development & maintenance of information systems', SEPG Conference, Feb 1999.
- Rakesh Khurana, Rajesh Narang and Pitamber Verma, 'CONCERT: Mission-Critical Client-Server implementation for Railway Reservation', CSI Annual Convention, 1997
- Rakesh Khurana and Pitamber Verma, 'CONCERT-Country-Wide Network for Computerised Enhanced Reservation and Ticketing', National Conference for Information Management', 1997

INTERNATIONAL EXPOSURE...

- **Attended the 5-day The Data Warehouse Institute (TDWI) World Conference at Chicago, USA (May 2008).**
- **Attended a 3-day Gartner IT Security Summit ,2007 at London, UK (Sept. 2007)**
- **Visited M/S HP Education Services, Stockholm (Sweden) for Advanced training in Systems Management for Reliable Transaction Router (RTR) [Jan 2003]**





OTHER TRAININGs...

- **Attended a 2-day seminar on “Shifting Trends in Information Technology” at Fore School of Management, New Delhi. (Mar – 2004)**
- **A 2-day workshop on Introduction to CMMI conducted by M/S Quality Assurance Institute , India. (Mar 2003)**
- **A 2-day workshop on ‘Managing IT projects’ by M/s Dale Carnegie, India in 2008.**



WORK EXPERIENCE AT BEL GHAZIABAD

CAREER PATH AT BEL

- **Joined as Engineer through Campus recruitment after my M.Tech. at IIT Delhi in March 1988 at BEL Bangalore.**
- **After 3 months of orientation/ management training, posted to BEL Ghaziabad in the Development and Engineering - Radars (D&E-R) division/ Data Handling deptt.**
- **Promoted to Sr. Engineer position w.e.f. Jan 1993.**
- **Relieved from the post of Sr. Engineer on 5th. March 1994.**



WORK EXPERIENCE AT BEL GHAZIABAD.

- **6 years of Real-time embedded software development in 'C' language for R&D/Radars department at the Bharat Electronics Ltd.**
- **Systems worked on:-**
 - **VAX- 11/750**
 - **ICL 2900 series mainframe**
 - **Apollo CAD/CAM workstations**
 - **Intel Workstations, PC/ATs**
 - **HP64000 Workstation for real-time s/w development around M68020 CPU.**



WORK EXPERIENCE AT BEL

- **Development of ‘tracking software’ for ‘Low flying Detection Radar’**
- **Development of software for automating maintenance procedures of radar in ‘C’ language on PC/AT.**
- **Development of embedded software for target designation unit which captures data over a modem and displays the same on a hand-held terminal and controls a tracking radar.**
- **Development of embedded software for system-wide health monitoring and network diagnostics control panel for command and control system aboard a naval warship.**



WORK EXPERIENCE AT CRIS

CAREER PATH IN CRIS

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Promoted w.e.f. April 2000 – Chief Systems Manager (I)

Promoted w.e.f. April 1996 – Dy. Chief Systems Manager

Joined in March 1994 – Sr. Systems Engineer
(With 5 Advance Increments)

CAREER PATH IN CRIS

**Took Over as Additional General Manager/PRS
(April 2008 onwards)**



Promoted w.e.f. April 2005 – Chief Systems Manager (II)



Took Over as Regional Manager/ CRIS/ Delhi (June 2000)



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**EARLIER
ASSIGNMENTS/
RESPONSIBILITIES
IN CRISIS**





Training...

- Training provided to IRTS batches on PRS at Indian Railway Institute of Transport Management (IRITM), Lucknow (March 2002) in the following topics:-
 - **PRS System Architecture**
 - **PRS and related Systems**
 - **PRS System Operations and Maintenance**



GUIDED STUDENTS FROM IIT,DELHI

- **Guided a two month training for two students of Computer Sc. Deptt., IIT,Delhi on Software Engg, practices at CRIS (May-June 2000)**
- **Guided a student of Computer Sc. Deptt./ IIT Delhi for B.Tech. project (July-Dec 2000)**
- **Guided a final year Computer Sc. Deptt. student / IIT Delhi for study of PRS software (July-Dec 2000)**


A collection of military medals and a compass is displayed on a checkered board. The items include a red ribbon with a circular emblem, a silver star-shaped medal with a central emblem, a blue ribbon with a circular emblem, and a silver star-shaped medal with a central emblem. A pair of glasses is also visible. A compass is located in the bottom left corner.

EARLIER ROLES IN CRISIS



DY. CHIEF SYSTEMS MANAGER/ TECHNICAL (SINCE APRIL 1996 THRU' JUNE 2000)

- **CONCERT software testing and coordination of CONCERT software bug fixes/ enhancements**
- **Coordinated training of CONCERT users for all modules at all PRS sites prior to implementation**
- **Presentations/ Documents/ papers for CONCERT project preparation which were used on various forums, seminars and conferences.**
- **Training and documentation requirements of the team met with for all implementations**
- **Shift duty Maintenance/ Operations management at various PRS sites after CONCERT Implementation.**
- **Maintenance of external Interfaces of CONCERT namely, MHS, IVRS and display systems**



SR. SYSTEMS ENGINEER (MARCH 1994-MARCH 1996)

- **Implementation of CONCERT Software at PRS/SC**
 - Development of various modules/ procedures in clients – namely reservation, enquiry and special function clients in ‘C’ language.
- **Implementation of CONCERT Software at PRS/Delhi**
 - Coordination of Testing at Northern Railway and interacting with the module leaders for bug-fixing.
 - Development of accounting reports of CONCERT mostly related to special functions in ‘FORTRAN’ language.

A collection of military medals and a compass are displayed on a wooden board with a blue border. The board has a checkerboard pattern of dark and light squares. Several medals are pinned to the board, including a red ribbon medal with a circular emblem, a blue ribbon medal with a circular emblem, and two large silver star-shaped medals with intricate designs. A pair of gold-rimmed glasses is also on the board. In the bottom left corner, a circular compass is visible, showing cardinal directions and degree markings.

**Significant Contributions
made till date**

CONTRIBUTIONS MADE TO CRIS

- **Implementation of COIS's punctuality module. (2003)**
- **Implementation of Data warehouse using Clarion Storage box. (2003)**
- **Pivotal role in implementation of UTS pilot project in Northern Railway (2002)**
- **Internet Reservation implementation/ coordination with IRCTC and Northern Railway. (2002)**
- **Migration of CONCERT on Alpha systems (from M/S HP) at PRS Delhi. (2001)**
- **Took over as Regional Manager/PRS/IRCA since June 2000**



CONTRIBUTIONS MADE TO CRIS...

- **Coordinating the PRS operations at all sites (Mar 1999 – May 2000)**
- **Manning as a ‘site-in-charge’ at sites PRS/Kolkata and then PRS/Mumbai (June 1998 thru’ Mar ’99)**
- **Manning the call centre in shifts at PRS/Delhi after CONCERT was made on-line for around two years (Sept 1996 thru’ June 1998)**
- **Continuous stay at PRS/IRCA for one year during Sept 95-Sept 96 for tuning, testing and implementation of CONCERT software for PRS/Delhi.**
- **Continuous stay at PRS/SC for six months from June thru’ Dec 94 during installation and initial maintenance of CONCERT Software.**
- **Oldest of the software professionals in the CONCERT design/ implementation team (in the team since March 1994)**

CONTRIBUTIONS TO CRIS IN INDIVIDUAL CAPACITY...

- **Areas worked in:-**
 - **Modules in which contributed personally:-**
 - **Clients**
 - **Accounting**
 - **Environment**
 - **MHS**
 - **IVRS/RAPID/PRESS AVAILABILITY**
 - **Security**
 - **Overall Project Management and Coordination**
 - **Coordination of operations across sites**
 - **As site-in-charge for PRS/ Calcutta and PRS/ Mumbai**
 - **Training/ Presentations/ Conferences on CONCERT for various audiences**
 - **Quality Assurance in PRS group**
 - **Guided more than 20 students for Training /final year projects**
 - **Interacted with Gartner's Group professionals for sizing and architecture issues for PRS projects.**



CONTRIBUTIONS MADE ..

- **Worked on various Committees:**
 - **Screening Committee for Software professionals recruitment**
 - **Interview committee for software professional recruitment**
 - **Technical committee for screening software companies for outsourcing TMS module.**
 - **AM(C&IS) committee for recommendations for maintenance of PRS hardware and software.**
 - **Committee for preparing question papers for Computer related exams/tests conducted by CRIS for Railway Staff.**
 - **Tender committees for procurement**



CONTRIBUTIONS ...

- **Training/Documentation for CONCERT Software and other development projects.**
- **Quality Assurance practice Implementation in the PRS team**
- **Consultation/ Problem Solving for maintenance related issues for systems installed at PRS/Delhi.**

A collection of military medals and a compass are arranged on a light-colored, textured surface. On the left, a blue ribbon with a red rosette is pinned to a brown and blue checkered board. Below it, a silver star-shaped medal with a central emblem is visible. Further down, another silver star-shaped medal with a central emblem is pinned to the board. A pair of gold-rimmed glasses lies horizontally across the middle of the scene. In the bottom left corner, a circular compass with a white face and black markings is visible. The text "FUTURE ROAD MAP" is overlaid in the center-right of the image.

FUTURE ROAD MAP

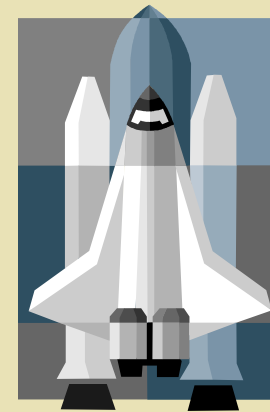
FUTURE PLANS...

- **To stream-line further the operations and maintenance activities of the systems after implementation.**
- **To continue provide technical leadership for on-going developmental/ implementation work in the area of IR Commercial Portal and IR PRS Data Warehouse.**
- **To take up new projects and modules of PRS, UTS and related areas.**



THE JOURNEY CONTINUES...

“To continue to provide leadership and technical management at senior levels so as to be effective and make meaningful contribution to CRIS and Indian Railway.”





**THANKS FOR A
PATIENT
VIEWING!**

