

Sarathy BSP Emani

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Objective

To effectively contribute towards growth of the organization by handling general management responsibilities in software engineering area.

Education

Birla Institute of Technology and Science, Pilani, Rajasthan, India (2000- Date)

Currently doing Off-campus PhD in Software Internal Auditing.

National Institute for Training in Industrial Engineering, Bombay, Maharashtra, India (1981-1983)

Post-graduation in Industrial Engineering with specialization in software.

Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh, India (1976 - 1981)

Bachelor of Technology in Electronics and Telecommunications Engineering.

Summary of Qualifications

Process Solutions, USA

SEI/CMM Assessment Team Member Training.

Information Systems Audit and Control Association, Rolling Meadows, IL, USA

Certified Information Systems Auditor (CISA).

Certified Information Security Manager (CISM).

PE BATALAS, UK

Completed training requirements for Lead Assessor.

3SE, Bangalore, India

Completed training requirements for SPICE (Software Process Improvement and Capability dEtermination) Assessor.

KPMG, Chennai, India

Completed training requirements for being the in-charge for SEI/CMM Level 4 initiatives.

Professional Memberships

Member of Institute of Internal Auditors (IIA), Member of Information Systems Audit and Control Association (ISACA), USA, Life Member of Computer Society of India (CSI), Steering Committee member of SPIN, Chennai

Summary of Experiences (Over 21 years)

Advisor for process and quality improvement initiatives, to comply with international standards.

Business development and people management, International clients' liaison, Large-project management, Onsite/offshore coordination, Conversion for Mass Change

Site Coordinator for SEI/CMM Level 4 and Level 5 assessments, Management Representative for ISO re-certification and surveillance audits, Information Systems audit useful for HIPAA compliance and ISO17799, ISO internal audit for both projects and support services

Internal and Customer satisfaction surveys and analysis

Integrated Banking system, Insurance system, Integrated Finance, Sales, Purchase and Inventory system, Costing system, Data processing accounting application, Ports management system

Quality assurance and Testing, Recruitment, External and internal training

Work Experience

Process and Quality Consultant/ Advisor, Chennai, Tamilnadu, India (2003 - Date)

Working as a consultant/ advisor in several areas of business process and software quality, in a revolutionary approach called 'telecommuting'.

The services rendered are in establishing:

- Road map for quality journey that suits organizational objectives.
- Road map for building process and knowledge database that suits organizational quality and process improvement initiatives.
- Policies and procedures related to Business, Competency Procurement and Development, Human Resource Allocation, System Resources Allocation, Security, Internet Usage and Business Continuity.
- Policies and procedures related to Proposal/ Contract Management, Customer Satisfaction Measurement, Customer Relationship Management
- Approaches for internal/ external appraisals/ certifications like ISO, CMM-Integrated, People-CMM, ISO17799 (IT security), SixSigma, eSCM etc.,.
- Functions like Quality Assurance, Software Engineering and Internal Audit to deliver best quality products/projects and maximum process compliance.
- Positive feedback mechanisms for process refinements and quality improvements, based on internal findings and customer feedback.
- Metrics program suitable to the projects' scenarios.

Cognizant Technology Solutions (CTS) (formerly DBSS), Chennai, Tamilnadu, India (1996 - 2002)

Played Chief Consultant role to Cognizant for the year 2002. Last designation held was Director.

Site Coordinator for SEI/CMM Level 4 and 5 initiatives.

Management Representative (MR) for ISO re-certification and surveillance audits. Replicated quality system at 9 locations in a period of 4 years and successfully achieved ISO certificate for those locations too.

Represented Process and Quality Management Board (PQMB), which monitors activities of Software Engineering Process Group (SEPG), Software Quality Assurance Group (SQAG), Software Testing Group (STG), Software Configuration Control Board (SCCB), Process and Quality Tools Group (PQTG), Estimation

Specialists Team (EST), Process and Quality Consulting (PQC) and Internal Systems Group (ISG). Coordinated 30 fulltime persons and 45 part time persons.

Started off as a small SQAG head. Added several groups and functions every year, making it PQMB. The latest addition is Process and Quality Consulting, which is offered to the existing customers as a value added service.

Being head of PQTG, responsible for development and maintenance of all internal systems in different technologies, their implementation and maintenance.

Being head of ISG, responsible for all internal systems like Payroll, timesheet, ICARE, Resource Allocation and Project Tracking etc., in variety of technologies and integration of the same.

Being a senior management person actively participates in recruitment, training, seminars, workshops, management meetings, coordination of certain issues concerning all the internal groups etc.,.

Developed business for CTS, both in legacy systems and client/server technology. Deputed to Douglas County for a development project and to initiate business for Y2K enabling.

In-charge for the following accounts, responsibilities including manpower management and delivery:

Dun & Bradstreet Information Services (DBIS), UK

PILOT software (taken over by Platinum)

MANUGISTICS

[Tata Consultancy Services \(TCS\), Chennai, Tamilnadu, India \(1989 - 1996\)](#)

Designation at the time of leaving was, Consultant.

Handled various projects in IBM mainframe environment for foreign clients, both in India and abroad.

Developed business for TCS, both in legacy systems and client/server technology. Deputed to several client locations as presented in subsequent paragraphs. Extensively contributed to systems audits, ISO internal audits, quality assurance and training.

[Tata Consultancy Services \(TCS\), Bombay, Maharashtra, India \(1985 - 1989\)](#)

Handled various projects in Tandem, Burroughs, Data General and IBM environments, both in India and abroad. Prepared business proposals. Deputed to several client locations as presented in subsequent paragraphs. Extensively contributed to quality assurance of products developed by TCS.

[SB Billimoria & Co. \(SBB\), Bombay, Maharashtra, India \(1983 - 1985\)](#)

Management consultant responsible for development of costing system, market research, computer selection and recruitment. Represented SBB in handling projects with various Indian clients.

[Work Experience- Onsite with International Clients](#)

[Douglas County Treasures' Office, Douglas County, NE, USA \(1997 - 1997\)](#)

Handled project for developing interface between several systems on mainframe and front-end cashiering system.

Initiated business discussions for Y2K, which materialized later into a turnkey project.

[United States Fidelity & Guaranty, Baltimore, MD, USA \(1995-1996\)](#)

Responsible for handling this account for TCS. Developed business both in legacy systems and client/server technology in insurance application.

Coordinated onsite/offshore activities of year-2000 pilot project.

Administratively responsible for other TCS consultants deputed to USF&G.

Member of production management team handling maintenance responsibilities including 24-hour production oncall.

[JP Morgan, New York, NY, USA \(1994 - 1995\)](#)

Quality assurance manager responsible for defining methodology/standards and ensuring quality of application development in Mortgage-backed-securities.

[Union Bank of Switzerland, Tokyo, Japan \(1993 - 1994\)](#)

External systems auditor responsible for evaluating the security of the systems and developing IT security standards and guidelines for the bank.

[Mbf Information Services Sdn. Bhd, Kuala Lumpur, Malaysia \(1991 - 1992\)](#)

Project Manager responsible for complete development life cycle of integrated banking system.

[Continental Insurance Company, Neptune City, NJ, USA \(1986 - 1988\)](#)

Project Manager responsible for complete development life cycle of Property and Glass insurance systems. Analysis was carried out in USA, design, coding and testing were carried out in India and implemented in several branches in USA.

[Bank of Bahrain and Kuwait, Manama, Bahrain \(1986 - 1986\)](#)

Project Manager responsible for complete development life cycle of Savings, Foreign Exchange, Customer Information, General Ledger and Certificate of deposit subsystems of banking system.

[Work Experience- Offshore](#)

[Pilot Software Inc., USA \(1997-1997\)](#)

Project Manager for development, maintenance, testing and Quality Assurance of PILOT software products.

[MANUGISTICS Inc., USA \(1997-1997\)](#)

Project Manager for providing level-2 support to Manugistics products.

[Chemplast \(India\) Limited, Chennai, Tamilnadu, India \(1993-1993\)](#)

Conducted systems audit of the IS department. Discussed management summary with top management and ensured that the recommendations are implemented.

[IBM, Sweden \(1989 - 1991\)](#)

Project Manager responsible for complete development life cycle of certain subsystems in data processing accounting package. Object oriented design is the highlight of this project.

[National Bank for Agriculture and Rural Development, Bombay, India \(1988 - 1989\)](#)

Project Manager responsible for complete development life cycle of refinancing subsystem of the agricultural banking system. The project was implemented at 16 branches of the bank.

[Port Public Authorities, Kuwait \(1985 - 1986\)](#)

Project Manager for complete development life cycle of stevedoring payables and general ledger subsystems of port management information system.

Awards Received

Audit practices in the group were presented in SEPG 2000 conference as Audit Planning to Process Improvements - An Automated Journey, which received Best of Best Practices Award.

Guided the team in receiving several awards in Q-quest 2001.

Guided the team in achieving 3rd position in SPI quiz 2001 contest, organized by SPIN- Chennai.

Received commendation from Chairman and President of CTS for achieving SEI/CMM Level 4 in record time.

Received trainer of the year award in CTS.

Received best faculty award for training in Systems Audit in TCS.

Received letters of appreciation from top management for contributing towards attaining ISO-9001 certification for TCS.

Papers Published/ Presented

Achieved Desired CMM Level, What Next - Presented during SEPG2000 conference, Bangalore.

CRM: Improved Delivery through Feedback - DQWeek, Jan 31, 2001.

T(ester) - Navigator - Proceedings of 2nd Software Testing Annual Conference, Bangalore - Jan 2001.

Quality Director's Column on Best Practices - Corporate space of Software Dioxide.com.

Insufficient Testing, One of the Causes of Project Failures - Guest article in Software Dioxide.com.

Quality and Process Innovation - Which Drives what? - Poster Session in Japan organized by Union of Japanese Scientists and Engineers (JUSE) during 2nd World Conference on Software Quality (2WCSQ) in October 2000.

Process Improvements - A Value Added Outcome of software internal audits, - Selected for presentation at The 23rd Annual Boston Quality Conference "Quality: The Common Denominator", scheduled on April 10, 2003, Burlington, MA.

Textbooks Reviewed for ISACA Bookstore

The Audit Committee Handbook, Third Edition, Author: Louis Braiotta, Jr., CPA.

Investigating Computer-Related Crime. Author: Peter Stephenson.

How to Turn Computer Problems into Competitive Advantage, Tom Ingram

The Definitive Handbook of Business Continuity Management, Andrew Hiles and Peter Barnes

Financial Information Systems Manual 1999 Edition, Sam W Barcus III and Stewart McKie

Effective use of Teams for IT Audits, Martin A Krist

The Vest-Pocket Guide to Information Technology, Jae K. Shim, Joel G Siegel, Robert Chi.

Network Auditing - A Control Assessment Approach, Gordon E. Smith.

Auditor's Risk Management Guide—Integrating Auditing and ERM, Author: Paul J. Sobel, CPA, CIA.

Most of these reviews were published in ISACA journals.