TAPAN SARKAR

tapan.sarkar@sus.edu

More than 25 years of IT leadership in ERP systems, management of information systems and software project management in manufacturing industries, state government IT sectors and at MNCs around the world. Ph.D. in Science and Math education, MS in Computer Science, Information Systems Auditor (CISA) from ISACA. SAP Configuration Management from SAP, Masters in Oracle ERP. 6 years' experience in teaching MIS, Business Analytics and ERP as an adjunct faculty at the Southern University, Baton Rouge, LA. Founder President of BRBLA, an ethnic cultural organization.

WORK EXPERIENCE

Employer:	From	To	Responsibility/Work Performed
Louisiana State Government (Office of Technology Services)	2014	2019	**IT STATEWIDE SYSTEMS ANALYST**
Department of Administration, Louisiana State Claiborne Building, 1201 N 3rd St. Baton Rouge 70802			SAP SRM Development/Functional Consultant/ Configuration Management / Customization of SAP SRM functions for purchase orders, shopping carts, contracts and reports administration (ABAP/web/Net weaver Gateway services /SAPUI5/FIORI customization and implementation)
Department of Children and Family Services (OTS) Iberville Building 4th Street Telephone Number(s) 225-921-6771	2019	2021	Legacy System study, analysis and design for web conversion, migration of large data in NATURAL / ADABAS to Java/SQL web interface
Louisiana Department of Revenue	2003	2014	**IT MANAGEMENT CONSULTANT**
La Sale Building Claiborne Building, 1201 N 3rd St. Baton Rouge 70802 (985) 513-2754			**Project Management and Coordination (75%):** Coordinated major departmental initiatives (Online Integrated Tax System) which rely heavily on IT Systems and have enterprise wide impact (statewide users) **IT Security Compliance:** Assisted IT security staff in understanding and complying with regulatory authority mandates. Recommended technical and procedural solutions to enhance security of agency Information Systems and data. **Strategic Technical Planning:** Assisted in Strategic Planning, development and Use of solutions to improve the efficiency, reliability and security of Data as a Certified Information Systems Auditor (CISA) from ISACA. **Business Processes and Program Analysis**: Assisted business managers in the analysis of systems processes and workflows. Recommended solutions to accomplish smooth day to day flow of electronic tax data
			Procurement, Budget, Contracts and Fiscal Management: Preparation and management of Requests for Proposals (RFP), Invitation to bid, consulting services, analyzed support agreements, contracts and related documents. **Business Continuity:** Built up Continuity and disaster recovery management procedures. Assisted IT technical staff and management with planning and testing applications for business continuity

DEPARTMENT OF NATURAL RESOURCE Louisiana State Government 617 North 3rd Street, Baton Rouge LA 225-326-0741	**2002**	**2003**	**IT SYSTEMS ANALYST / APPLICATION PROGRAMMER** Project lead for designing a mobile interface for ocean data integration with SONRIS Oracle/Java database, for the high priority, federally funded LA Coastal Restoration project. This was an integration project between J2ME embedded programs and web services
BATON ROUGE INTERNATIONAL Inc. 4845 S Sherwood Forest, Baton Rouge LA, 70816 USA	**1999**	**2002**	**PRINCIPAL CONSULTANT, ERP** Technical and Functional head of ERP software division for ERP implementation projects /Software Reengineering and Process Control projects for US clients. Implemented Oracle ERP Financials (GL, AR, AP, Assets) and HR modules for $40 million-dollar operations of this consulting company. Handled a group of software engineers in USA and India for onsite and off shore project management
GLOBSYN TECHNOLOGIES (INDIA) LIMITED Sector V, Salt Lake City, Kolkata, West Bengal, 700091 India +91 98302 58938	**1996**	**1999**	**VICE PRESIDENT – IT** Built up the software division from scratch for the startup IT consulting company aiming primarily for Y2K remediation projects in USA. Starting from ground level, recruited, managed a strength of 150 software professionals to acquire Y2K, Web Interface and Software Configuration Management projects in USA, Australia and India. Successful completion of the project at Southern California Edison, CA USA lead to a very large data conversion and software configuration project, that was awarded for completion on time against many odds. Handled the software division, IT Marketing team reporting directly to President/CEO
CMC Limited, 28 Camac Street, Kolkata, India	**1988**	**1996**	Regional Manager (Eastern Region of India) Network and Data Processing (1995-1997), Software Project Manager / Systems Specialist (1988 – 1995)
Dunlop India Limited, Sahaganj, West Bengal India	**1975**	**1988**	IBM 1401/ 360, Burroughs 6800 Programmer / Systems Analyst

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EDUCATION

School	Name and Address of School	Course of Study	Years Attended	Diploma/Degree/Discipline (BA/English)	
Undergraduate College	Regional College of Education, Orissa India	Science, Mathematics and Education	1973	BS BS	Science Education
Graduate/ Professional	Southern University an A&M College, Baton Rouge, LA	Computer Science	2013	MS	Computer Science
Professional (Database Management, Supply Chain Management and Compter Languages)	Louisiana State University, Baton Rouge	Advanced Database Management I & II	2001-2002	7510 7511	Part of MS in ISDS
		Supply Chain Management and Project Management	2002-2003	7220 7330	Part of MS in ISDS
IT Systems Audit and Security	ISACA - USA	CISA, Certified Information Systems Auditor	2014	CISA	CISA/ISACA
ERP /Oracle Financials and HR	Oracle ERP Master on Financials and Human Resource Modules	Oracle University	1999		Oracle Master
ERP /SAP	SAP – Supplier Relationship Management (SRM)	SAP Academy (through LA Department of Administration)	2017		SAP
ERP /SAP	SAP –Configuration Management	SAP University Alliance program (Through Southern University, Baton Rouge)	2018		SAP- Configuration Management
Ph.D. /SMED	Southern University an A&M College, Baton Rouge, LA	SMED (Ph.D.)	2017-2022		Science and Mathematics Education

Received Ph.D. "A Case Study Validation of an Intelligent Tutoring System Prototype DARTS-ITS, Using Mobile Technology: Applications in Business and STEM Education," is the title of the dissertation.

Awarded scholarship from Carnegie Mellon University in Pittsburgh for the Intelligent Tutoring Systems track for the 2021 Simon Initiative's LearnLab Summer School

Paper accepted for the Sixteenth International Conference (2022) on Design Principles & Practices, at University of Newcastle, Australia on "The Relevance of Student Response Systems - Mastery Learning in Designing an Intelligent Tutoring System"

Teaching ERP/SAP System/ MIS and Business Analytics as an Adjunct faculty at Southern University AND A&M College.

Publication/ Paper presentation: 'Toward designing a Goal Oriented Internet of Things (IoT) Courseware for Business Students' at the 93rd Annual meeting of Louisiana Academy of Science,
Speaker 'Teaching SAP' at the 2016 Americas SAP Users Group (ASUG) Executive Exchange New Orleans National Summit (2018),
IoT Curriculum Development for Business Students' at the Nextgen Supply Chain and Enterprise Systems Symposium at Southern University,
'Innovative ways in '(STAY) Students Tracking in Academic Years' (2018) at Louisiana Academy of Science,
'Sensor Networking' (2015) Louisiana Academy of Science,
'Mobile Tax Collection' (Nashville, TN, 2013), 'Power of XML' (Chicago, IL, 2011) at Federal Tax Administrators conferences.

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Specialized training, skills, hands-on experience and extra-curricular activities.

Data Processing on IBM, LA State Procurement and Supply Chain Management system, ERP systems (SAP HANA, Fiori, Smart Form, MDM, Mobile platforms (iOS/ Android), API / languages/ macros (Python, PHP, JavaScript, CSS, ABAP, C/C++/ Java/ Vb.Net/ XML/ PowerShell/ VBA/JavaScript/PHP/HTML), Business Analytics (SAP Lumira/COGNOS/BI/ SPSS/ MS office/ Visio / API management, PhoneGap, Twilio, Excel VB macros
Mentor at NSF iCorp (2017,2018) teams working on IoT at Louisiana State University (LSU) , Baton Rouge
Ranked at Innovative Ideas Competetion at LSU Business Incubation Center for designing a cost effective Traffic Light monitoring
Founder and President of Baton Rouge Bengali Association BRBLA (est. 2002) http://brbla.org 2136 Oakdale Drive Baton Rouge, LA 70810 An Ethnic Cultural group registered with the Louisiana Secretary of State, Baton Rouge. Received several grants from the Arts Council of Louisiana, worked with greater community of Baton Rouge, EBR Schools and Louisiana State University, Baton Rouge Community College. Produced cultural programs that were widely covered by the local media (The Advocate) and nationally broadcasted by Louisiana Public Broadcasting LLC (LPB)

Awards

Three times recipient of Secretary's Innovation Award ($5000) from Louisiana State Govt, Department of Revenue, LA Civil Service Award ($1000) for CISA, MIPS (Most Important Person of the Year) award from CMC Ltd., for developing 'GenDoc', a tool for impact analysis and automated documentation, that saved many hours of systems development in the IT department of the LA state. Several other awards and recognitions for innovation, troubleshooting, and team management was received over the course of my career.

Personal / Professional References

Name	Phone Number	Best time to call	Occupation
Mr. Brett Poirrier	225-219-2671	Work Hours	Director. Louisiana Department of Revenue, LA State Govt, Baton Rouge
Mr. Barry Aucoin	985-513-2759		IT Deputy Director. Louisiana Department of Revenue, LA State Govt, Baton Rouge
Professor Moustapha Diack	225 803 2491	Work Hours	Doctoral Program in Sciences/Math Education (SMED) – College of Sciences & Engineering –Southern University, Baton Rouge,
Dr. Mohammad Abdus Salam	225-771-4383	Work Hours	Professor and Grad. Co-Ordinator, Dept. of Computer Science, Southern University, Baton Rouge
Dr. Albertha Lawson	225-771-3932	Work Hours	Professor and Chair of SMED, Southern University, Baton Rouge
Dr. Ashagre Yigletu	225-771-5262	Work Hours	Associate Dean and MBA Director, Southern University, Baton Rouge
Mr. Rizwan Ahmed	225-326-0741	Work Hours	Former CIO, IT Director, DNR, LA State Govt., Baton Rouge