CURRICULUM VITAE – Mr. Gora DATTA, FHL7, VS

NATIONALITY: USA

OVER 38 YEARS OF INTERNATIONAL PROFESSIONAL EXPERTISE

Information & **C**ommunication **T**echnology (ICT) Expert; eHealth Subject Matter Expert; Health-IT Standards Developer and Subject Matter Expert; US Senior Health IT Subject Matter Expert; Social Protection & Social Safety Net ICT Expert; Mobile Health Solutions Architect.

- Fellow HL7
- Visiting Scholar, University of California, Berkeley

Senior Executive/Project Director with proven experience in bringing technology projects from concept to user release. Unique background combines hands-on ability to work with highly technical engineers to architect, design and develop complex projects, and to translate user requirements into design documents. Industry specialization includes Healthcare, Public Health, Social Sector (Social Safety Net Programs), eGovernance & Cyber Security verticals.

INTERNATIONAL PROFESSIONAL/WORK EXPERIENCE

Australia, Bangladesh, Canada, France, Greece, India, Indonesia, Japan, Kuwait, New Zealand, Niger, Norway, Philippines, Singapore, South Korea, Spain, Switzerland, Tunisia, UK, and USA

EDUCATION

1984	M.S., (Chemistry-Honors) [dual degree – pursued simultaneously]
1984	B.E., (Chemical Engineering-Honors)

PROJECT EXPERIENCE

Name of project	CCPHIT: California Consortium for Public Health Informatics and Technology for Workforce Development
Year	2021 – 2025
Client	California State University, Long Beach – sub-recipient under a Cooperative Agreement with Office of National Coordinator (ONC-HIT) of US-Department of Health and Human Services
Position held	**Co-Project Director** Overall Responsibility for CCPHIT Executive Management and Program Coordination of the Consortium and Working Committees along with the other Co-Project Director Dr Kamiar Alaei of California State University Long Beach
Main project features	To create a state-wide network of partners to build a consortium (CCPHIT) to effectively address the demand for diverse skilled workers

in public health informatics and technology (PHIT) jobs throughout California with an emphasis on minority students.

To design and develop public health informatics & technology course curriculum by the California 3-tier educational system members and other public and private sector partners in the consortium.

CCPHIT has identified three goals to achieve its overarching vision:
- Goal 1: **Build an interdisciplinary consortium** to develop program curriculum, recruit and train participants, provide internship opportunities, and assist in career placement to help meet California's public health needs
- Goal 2: **Develop culturally relevant public health informatics curricula** through a health equity lens, with multiple tracks that prepare students to meet the needs of local healthcare and public health agencies and other key industry and non-profit public health related employers.
- Goal 3: **Recruit, train and place 700 URM students** to grow and diversify California's public health workforce

Name of project	**CAL2CAL eHealth Advisory Services:** EHR Adoption by Physicians
Year	2008 – current
Client	US Primary Care Providers (over 500 Providers all over California)
Position held	Senior Health-IT & ICT Subject Matter Expert
Main project features	With more than 15 years of experience in Health IT, EHR implementation and quality improvement, CAL2CAL is advising and assisting Primary Care Providers with their certified EHR System adoption and its adherence the US Meaningful Use (MU) & Quality Payment Program (QPP). In addition, CAL2CAL is assisting in completing the attestation and submission of compliance data for the EHR Incentive program.
Activities performed	• Assist in EHR Adoption by Physicians • Initial site visit to review self-assessment and conduct project kick-off • Provide Meaningful Use education • Perform gap analysis (current-state to target-state) • Assist Provider in Identifying practice applicable MU objectives • Identification of practice applicable Clinical Quality Measures • Workflow redesign to address incomplete data capture • Interface with EHR Vendors on behalf of the Providers • Assistance with CMS & State registration (as applicable) • Assistance with Meaningful Use attestation • Assist provider in completing reporting documentation to establish MU compliance • Develop EHR templates and Custom Reports

	• Train staff on EHR usage • Support Practice to meet emerging Regulatory Compliances • Assist with HIPAA Risk Analysis
Name of project	**OPEN DATA PORTAL CONSULTING**
Year	2014-15
Client	California Department of Public Health
Position held	eHealth Subject Matter Expert
Main project features	Develop a tactical framework/plan for data publishing and management that directly supports the Open Data Portal project and serves as a basis for ongoing and expanded data publishing activities in the future.
Activities performed	Key deliverables of the tactical framework/plan include: 1. The development of appropriate processes for addressing both data and metadata standards, for a distributed data model, prior to uploading selected CDPH datasets to the selected Open Data Portal hosted environment. 2. Any data / metadata standards applied to CDPH datasets should be nationally recognized and consistent with current industry best practices. 3. A knowledge transfer component that ensures a thorough understanding and smooth transition of the data processes described above to selected CDPH staff. The "ODP Standards based Metadata Framework" document addressed the semantics & the representation of data & metadata, from various CA HHS Agencies, in the Open Data Portal Project (ODP). The key purpose of the document is as follows: • Standard description of metadata • Common understanding of metadata across organizational elements & between organizations • Re-use and standardization of metadata over time, space & application • Harmonization and standardization of metadata within an organization and across organizations • Management of the components of metadata • Re-use of the components of metadata • Recommendation for data and metadata standards & elements
Name of project	**ICT INPUT for HEALTH & SOCIAL PROTECTION SECTOR**
Year	2013-14

Client	Asian Development Bank (ADB)
Position held	ICT Subject Matter Expert
Main project features	Provide input for how ICT is being used as a development enabler in health and social protection sectors.
Activities performed	Assessed the possibilities and modalities of using modern information and communication technologies in various Social Protection Programs, like cash transfer programs, in DMCs with a view to establish and support an effective safety net system which will increase access of poor and food insecure people to cash transfer and cash for work programs. Provided a roadmap of ICT solutions in Health Sector. The roadmap covered the challenges and strategic goals for any DMC in the eHealth sector and provided a range of structured activities that lead to the progressive development of a national eHealth strategy. eHealth outcomes were proposed. The goals and objectives of the proposed interventions, as contrasted with a current scenarios were documented. Finally, example of eHealth benefits are outlined. THE ABOVE WORK WAS INCORPORATED IN THE ADB publication tilted "Promoting Information and Communication Technology in ADB Operations", 2014. (see page "iv" of the document).
Name of project	**Poverty Reduction Support Facility**
Year	June – Oct 2012
Location	Indonesia
Client	Office of the Vice President
Position held	ICT Subject Matter Expert
Main project features	Social Assistance Payments in Indonesia are mainly distributed through the Post Office network. These payments are handled manually. To make the transaction requires the physical presence of the recipient and the Post Office personnel. There are a number of weaknesses and risk associated with such a system. Government of Indonesia is keen to identify and examine alternative electronic payment systems for social assistance cash transfers in terms of their cost, benefits and business process required to make them work in an Indonesia context: • examine the effectiveness of the current payments made via electronic PKH payments system, and in doing so, identify existing difficulties and options for overcoming them; and • identify and examine alternative electronic payment systems for social assistance cash transfers in Indonesia
Activities performed	Led the ICT team to gather field based (supply side) data and its subsequent analysis to identify, examine, evaluate & report on alternate payment mechanism for the cash transfer program.

Name of project	Niger Safety Net Project
Year	• Sep 2011–Apr 2012
Location	• Niger
Client	Office of the Prime Minister
Position held	Program Director
Main project features	Technical support in the preparation of a master plan/action plan for the establishment of a Management Information System (MIS) for a World Bank funded Safety Net Project
	The main objective of the consultation is to develop a blueprint for the establishment of a Management Information System (MIS) of safety nets in five regions of Niger (Dosso, Maradi, Tahoua, and Tillabéry Zinder) with possibility for expansion nationwide. The MIS will influence the flow of information between suppliers and consumers of information and each process of the proposed Safety nets, including: a) targeting, b) identification, selection and registration of beneficiary; c) the payment, and d) complaints.
Position held	International ICT Expert (MIS Expert)
Activities performed	The duties include the following activities:
	• Develop a master blueprint, including MIS for all functions "business and support" for a Social Safety Net program in Niger. The master plan includes an action plan for the development of an effective system of collecting and using data related to the full program
	• Stakeholder interaction
	• Develop the plan to include all components of the SSN (targeting, registration, payment, compliance & verification)
	• Identify factors related to the computerization of safety net application
	• Identify all appropriate IT solutions and components to be computerized
	• Specify of all equipment and software identified for the project
	• Identify solutions for data transmission and communication
	• Develop strategy of the computerization of Safety net in Niger and define the rules that may result taking into account, where appropriate, the existing IT environment, its place in a public, private and mission of public service
	• Design of target systems using mobile devices ("paper-less solution")
	• Provide all technical guidance and expertise to the Government team in building appropriate technical capacity
	• Assist in the selection process (proposal review) of the MIS Consultancy firm
	• Coordinate MIS blueprint implementation by the Contracted firm(s)
	• Provide technical guidance to the Government's Project Coordinator and his team
	• Assist the World Bank team on matters relating to ICT framework for the project

	• Conduct site visits to review & assess local capacity, resources & infrastructure
	Organize and conduct meetings with local Telcos, Commercial Banks, NGOs & MFI to obtain information required to develop the Blueprint document
Name of project	**World Bank ICT Consultancy**
Year	2003–2011
Client	World Bank
Position held	Program Director
Activities performed	Program Director for the following projects/assignments as a World Bank ICT Consultant: • Building on a previous World Bank study of 2007, also conducted by CAL2CAL, of implementation of pilot smart card delivery mechanism for Public Distribution System in India, in 2010, CAL2CAL presented and submitted a Report on PDS UID linkage illustrating how the two processes can be integrated to leverage distribution process, increase efficiency, reduce leakage as well as satisfy daily basic needs of a common man.(2010) • Feasibility study for pilot implementation of smart cards to revamp Public Distribution System (PDS) in India. Final deliverable included policy / institutional and technical reports that were tabled with Finance Ministry, India. (2007-08) • Advised the Philippines DSWD (Department of Social Welfare & Development) Government on application of Information & Communication Technology (ICT) to Conditional Cash Transfer (CCT) based Social Safety Net (SSN) Programs (2008-09) • Research and report on use of Information & Communication Technologies (ICT) to improve efficiency of The World Bank funded Social Safety Net programs in Bangladesh.(2008) • Speaker at 3rd International Conditional Cash Transfers Conference, Istanbul, Turkey, June 2006 "Managing and Monitoring CCTs: Paper and Pencil or ICT" • Advised The World Bank team during discussions with Government of Indonesia on use of fingerprinting techniques to verify identity of beneficiaries of a welfare transfer program.(2005) • CAL2CAL authored, in 2004, The World Banks Social Protection Discussion Paper Series# 0522 titled "A Technology White Paper on Improving the Efficiency of Social Safety Net Program Delivery in Low Income Countries - An Introduction to Available and Emerging Mobile Technologies". The paper was published by The World Bank in May 2005 and is available at: http://siteresources.worldbank.org/SOCIALPROTECTION/Resources/SP-Discussionpapers/Safety-Nets-DP/0522.pdf • Developing and implementing a socio-economic Survey of Urban Transportation Patterns in Mumbai, India. In 2003, The World Bank engaged CAL2CAL Corporation to design, develop & deploy a turnkey Mobile solution for conducting surveys related to Activity

	Patterns, Mobility and the Welfare of the Urban Poor in Mumbai, India. (2003).
Name of project	**Other Social Protection Projects**
Year	2008–2011
Client	Various (noted below)
Position held	Program Director
Activities performed	• On behalf of Apeejay Infralogistics Pvt. Ltd. conducted a survey which included collecting data to earmark persons actually affected by development of a large integrated Logistics Park near Haldia in West Bengal, India and provide beneficiaries with identity cards along with finger imprints. (2010) • Application of GIS to Public Health Practices in districts of West Bengal, India for Public Health Foundation of India, the School of Public Health at Harvard University and the Boston Children's Hospital by collecting 2,500 household data across South 24 Parganas district, including the Sunderbans area. (2010-2011) • Collected data from around 12,000 households as part of the Socio Economic Survey for Aerotropolis in Durgapur, India on behalf of West Bengal Industrial Development Corporation (WBIDC). (2009) In partnership with a local NGO and the Planning Department, Government of UP, India, funded by UNICEF, designed a Child Tracking System (CTS) to monitor child births, deaths and registrations; monitor social, economic and welfare indicators; monitor education, child labor and immunization status, thereby providing evidence-based data to the government to provide targeted welfare services. (2008-09)
Name of project	**CMS 9th Scope of Work Project**
Year	2008 – 2010
Location	USA
Client	CMS
Position held	Project Director
Activities performed	As a sub-contractor to CMS 9th Scope of Work Program for California, led a team that provided technical assistance (TA) to around 200 Physician Practices, all over California, regarding their documentation, workflow, care management processes, and improvement on four specific clinical measures: • Breast Cancer Screening • Colorectal Cancer Screening • Influenza Vaccination/Immunization • Pneumococcal Vaccination/Immunization Aggregate reporting of these measures to CMS is one component of CMS' physician-office quality improvement projects (the 9th Scope of

Work, 2008-2011). Our services, funded by CMS, included, but are not limited to:

- Creation of performance reports
- Team care/work flow redesign
- Use of clinician reminders in EHR
- Creating standing orders for preventive services
- Assisting practices in data submission to Medicare
- Use of patient reminders for preventive services
- Sharing best practices from other primary care sites, both locally and nationally
- PQRI support (as applicable)

Name of project	**CDC-PHDSC Contract Consultant**
Year	2009–2010
Client	• CDC-PHDSC
Main project features	Review of the HL7 EHR-S Functional Model and the identification of the necessary functionality for reporting and sharing information across clinical and public health systems.
	This project provided support for public health participation in the review of the HL7 EHR-S Functional Model and the identification of the necessary functionality for reporting and sharing information across clinical and public health systems. The public health functional requirements includes: (1) as extensions to the EHR-S Functional Model; (2) in a Public Health Functional Profile; or (3) in an independent Public Health Functional Model, if needed.
	The creation of a profile or model required the assembling of a volunteer group of public health and electronic health record experts. This project facilitated the collaboration of these volunteers on the more than 160 functions and 1200 criteria in the Model.
Position held	Consultant
Activities performed	The consultant supported the activities to re-evaluate the HL7 EHR-S Functional Model to determine if:
	• extensions for additional public health functional requirements may be needed;
	• a Public Health Functional Profile needs to be developed;
	• or an independent Public Health Functional Model is warranted.
	Additionally, the purpose of the project was to specify the public health functional requirements; related conformance criteria; and gaps (i.e., missing functions and criteria) as they related to the EHR-S Functional Model.
	1. The consultant collaborates with public health experts including state and local representatives to identify the public health functional requirements; related conformance criteria; and gaps (i.e., missing functions and criteria) to be included in the Public Health Functional Profile; EHR-S Public Health extensions; or a PH Functional Model.

	2. The consultant participates in at least one webinar to educate the public health community regarding the development of the draft public health functional requirements and to seek expert review and feedback prior to balloting of the public health functional model or profile.
Name of project	**Los Angeles County (various projects)** • **Department of Health Services** • **Department of Public Health**
Year	2001–2007
Location	USA, Los Angeles County
Client	Department of Health Services Department of Public Health
Position held	CAL2CAL IT Project Director
Activities performed	Project Director to various projects executed by CAL2CAL consultants: • Bio-Terrorism Public Health Information Network (BT-PHIN) • Nursing Practice Management System • Children's Health Outreach Initiative (CHOI) system • Family Nurse Partnership system • Patient Satisfaction Survey System • Public Health Investigation System • Public Health Veterinary System • Office of AIDS Program & Policy: HIRS system • Epidemiological Data System (SARS) • Office of Women's Health System • Web-based Performance Measurement • Special Project of National Significance, Office of AIDS Programs & Policies

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

- HL7 International: Fellow, Ambassador, Co-Chair, Speaker & Author (www.hl7.org)
- IEEE: Senior Member, Speaker, Section Chair (www.ieee.org)
- HIMSS: Speaker, Ambassador, Author, Committee Member (www.himss.org)
- ISO TC215/Health Informatics: Convenor, US Delegate (www.iso.org)
- ACM: Senior Member (Association of Computing Machinery) (www.acm.org)

ACCOMPLISHMENTS

- Fellow HL7
- Member HL7 Technical Steering Committee (2022 – 2023)
- (founding) co-Chair HL7 Mobile Health Work Group (2012 – current)
- HL7 International Ambassador (2008- current)
  (founding) Convenor Work group#10 Traditional Medicine, ISO/TC215

- US Delegate to ISO/TC215 (2009 – current)
- HL7 Healthcare IT Tutor/Speaker (2008 – current)
- Chair IEEE Southern California Council (2020 – current)
- (founding) co-Chair Cyber Security SIG (2015 – current)
- IHIC 2017 Conference Keynote Speaker
- ICDKE 2010 Conference Keynote Speaker
- Advisory Board Member "Health Management" & "Computer Information Systems" Graduate MS Programs, California University of Management & Science, USA (2017 - current)
- Advisory Board Member "Health Information Management" Graduate MS Program, School of Information Systems and Technology, Claremont Graduate University, USA (2008 - 2012)
- Advisory Board Member, Digital Telehealth Project, University of Southern Queensland (USQ), Australia, 2009 - 2011
- 2009 HL7 International "Volunteer of the Year" Award Winner
- HL7 Pakistan Advisory Board Member, 2010 - 2011
- HL7 India Advisory Board Member, 2009 - 2011
- 2009 IEEE Certificate of Appreciation Award Winner
- 2008 IEEE Certificate of Appreciation Award Winner
- 2005 Best Paper Award Winner HL7 International Health Interoperability Conference, Taipei
- Unisys Achievement Award for Excellence, 1992
- Unisys Achievement Award for Excellence, 1990
- Tata Unisys Outstanding Instructor of the Year Award, 1989
- Authored/Presented several technical papers at International Conferences and Journals

LANGUAGES

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Fair
Bengali	Excellent	Excellent	Fair
French	Fair	Elementary	Elementary