

NUWAN THEJANA WAIDYANATHA
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OBJECTIVE

Work with multiple national and international partners, apply the academic and industrial experiences, and be a valued entrepreneur who recognizes new developments in technology and anticipates trends in order to offer clients the latest available information technology products and services.

EDUCATION

- M.A. Operations Research, University of Montana, U.S.A (May 1999)
- B.A. Mathematics and Computer Engineering, University of Maine, U.S.A (May 1995)

WORK EXPERIENCES

Sahana Software Foundation, USA, (Jan. 2006 – now)

- Project Management, Interoperability/Standards Committee Member; working towards researching and developing the Sahana Alerting/Messaging Broker (SAMBRO)
- Mentor Google Summer of Code, Google Code In and other Sahana related activities
- Responded to Japan 2010, Haiti 2009, Sri Lanka 2009, China 2008, disasters

LIRNEasia (www.lirneasia.net), Sri Lanka, (Dec. 2005 – now)

- Senior Researcher/Project Director “Environmentally sustainable farming practices through a technology-enhanced community of practice approach: Establishing a Research Partnership between the University of Alberta and Sri Lanka” ([AgroCoP](#)) - collaborating with a team of researchers from the University of Alberta, contributed to conceptualizing the research, assisted in writing a proposal for a grant of USD 17,500 from the [Kule Institute for Advanced Study](#), expected output is a concept note for a grant proposal.
- Senior Researcher/Project Director “Feasibility study to enable Freedom Fone with voice-based emergency data exchange” ([FF4EDXL](#)) – developed the proposal; received a grant for USD 14,500 from [The Kubatana Trust](#) of Zimbabwe.
- Senior Researcher/Project Director “Mobiles in support of Sentinel Site Surveillance” ([mS-cube](#)) – developed the proposal for the [OpenRosa](#) Code In Country grant; was awarded USD 5,000 by [Dimagi, Inc.](#) to conduct a business study and produce the software requirement specifications for developing the mS-cube for disease surveillance and notification.
- Senior Researcher/Project Director “Register of Authorities: Towards a Common Alerting Protocol – Profile” ([CAP-brief](#)) - developed a policy brief for Bhutan, Maldives, and Sri Lanka to advocate the disaster management authorities in the countries to adopt the Common Alerting Protocol and register the alerting authorities with the World Meteorological Organization.
- Project Management Committee member and the Standards and Interoperability Committee Member of the [Sahana Software Foundation](#); part of the design and development team of the LIRNEasia funded Sahana Messaging/Alerting Module.
- Senior Researcher/Project Director “Evaluating a Real-Time Biosurveillance Program: A Pilot Project” ([mHealth RTBP](#)) – conceptualized the ICT system, wrote research proposal, obtained grant from [International Development Research Center](#) of Canada for USD 350,00, designed and implemented pilot project, managed 8 local and international partners, and wrote technical report.
- Researcher/Project Manager “Common Alerting Protocol enabled short text over High Frequency Radios” ([CAP over HF](#)) - collaborated with [Universiti Teknologi Malaysia](#) to develop a prototype that was integrated with the Sahana disaster management software. The project was made possible through a grant from the Malaysia Communications and Multimedia Commission ([MCMC](#)).
- Researcher/Project Manager “Evaluating Last-Mile Hazard Information Dissemination: A research project” - ([HazInfo](#)) planning of activities, managing a USD 0.5 million IDRC grant, managing 8 partners, and developed the evaluation framework, field tested the technologies, and wrote the technical report.

Community Focused Disaster Response (www.cfdromari.com), Sri Lanka, (Jan. 2005 – Now)

- Founding/Board Member - post tsunami disaster recovery and mitigation organization CFDR Komari 2004
- OR/Business Analyst Risk Management Program, Information Communication Technology Program, Water and Sanitation Program (Komari, Ampara District, Sri Lanka)

Spot On Solutions (Private) Limited (<https://sites.google.com/site/spotonsolu/>), Sri Lanka, (Apr. 2005 – Dec. 2009)

- OR Analyst/System Architect/CAP expert – Short text RDS alerts – provide a conceptual framework for the design of a Common Alerting Protocol based user interface for issuing alerts over Radio Data System channels; a collaboration with CEL Lanka (Private) Limited and Respere Lanka (Private) Limited; proposal stage.
- OR Analyst/System Architect – Revenue share model for mobile service platform: a research project; develop system architecture and conceptual framework for piloting an Interactive Voice Response and Internet Podcast based solutions for engaging rural youth in content development and revenue generation; proposal stage
- OR Analyst Communicating Hurricane Warnings – provided conceptual design of a Multi-language Common Alerting Protocol (CAP) Message Broker for a [National Science Foundation](#), USA, research proposal to conduct an evidence based assessment of the use of a social networking based software tool to be pilot tested in USA and Sri Lanka (customers: Lanka Software Foundation, Sri Lanka and University of Maryland, USA)
- OR Analyst/Software Architect Service Plan Optimization software tool – over 3 years designed the system, developed a .Net C# wrapper for a series of free and open source software for manufacturing process planning (General Woodcraft Private Limited, Sri Lanka)
- Director Spot On Solutions – started the company on the strategy of developing affordable and sustainable process planning software solutions for small and medium enterprises with information communication technology solutions

Infocraft Limited (www.infocraft.lk), Sri Lanka, (Aug. 2002 – Jan. 2005)

- Senior Manager IT infrastructure technical assistance and consultancy projects – key role in starting the company, recruiting resources, setting up company business strategy, establish IBM iSeries Business Partnership, establish IBM Software Reseller Partnership, floated the Web engineering and encoding division, floated the Software Products Engineering and Encoding Division
- Systems Engineering for Business Continuity and Disaster Recovery Program – conducted a vulnerability assessment of Communications and Information Processing Systems, developed a technical/financial proposal to build a BC/DR strategy for the Hayleys Group of Companies, Sri Lanka
- Software design/development of Enterprise Resource Planning Integrated Computer System (Haycarb, Sri Lanka), Project Daily Journal to forecast resource allocation and project profitability (Infocraft, Sri Lanka)
- OR/Business Analyst – designed, proposed and bid for Sales force automation system (Suryawahini, Sri Lanka), Check imaging and clearing system (Lanka Clear, Sri Lanka), Regional Telecommunication Network (ICTA, Sri Lanka), Coconut charcoal activation process simulation (Haycarb Limited, Sri Lanka), Algorithm for Resource Planning and Simulating (Haycarb Limited, Sri Lanka), Corporate Enterprise Resource Planning (Hayleys Limited, Sri Lanka).

Sri Lanka Institute of Information Technology (www.sliit.lk), Sri Lanka, (Dec. 2001 – July 2002)

- Business Analyst IT master plan – lead the five member team in developing the IT Master Plan for the activated carbon manufacturing Haycarb Limited, Sri Lanka

American Psyche Systems (APS) Healthcare (www.apshealthcare.com), U.S.A, (May 2000 - Nov. 2001)

- Software Engineering Health Care Management Systems – part of the 7 member team that designed, developed, and implemented databases, user interfaces, and reports; managed outsourcing of software development to TATA Consultants in India supported the Behavioral health manage care Information Reporting Integrated System, Clinical Care Management information System, Credentialing software application, HIPAA transaction database third party interfaces

Department of Mathematical Sciences (www.math.umt.edu), University of Montana, U.S.A. (Sept. 1999 - May 2000)

- Part-time Instructor in Operations Research and Calculus

Assistant Operations Manager Montana World Trade Center (www.mwtc.umt.edu), U.S.A, (May 1998 - Dec. 1998)

- Application and Analyst Programmer – developed Educational programs, South American, and European Trade management information systems to support internal operations

Book Chapters:

1. M. Ganesan, Prashant, S., Janakiraman, N., & Waidyanatha, N. (2011). Real-time bio-surveillance program: Field experiences from Tamil Nadu, India. In U. V. Somayajulu, C.P. Prakasam, N. Audinarayana, & K.E. Vaidyanathan (Eds.), *Health, poverty and human development*, Indian Association for Social Sciences and Health (pp. 367-382). National Conference, India: Banaras.
2. Gow, G., & Waidyanatha, N. (2011). Mobile phones and the challenge of sustainable early warning systems. In J. Katz (Ed.), *Mobile communication: Dimensions of social policy* (pp. 63-74). New Brunswick, New Jersey, USA: Transaction Publishers.
3. Gow, G., & Waidyanatha, N. (2010). Using common alerting protocol to support a real-time biosurveillance program in Sri Lanka and India. In T. Kass-Hout & X. Zhang (Eds.), *Biosurveillance: Methods and case studies* (pp. 268-288). Boca Raton, FL: Taylor & Francis.
4. Waidyanatha, N., & Prashant, S. (2010). User requirements towards a biosurveillance program. In T. Kass-Hout & X. Zhang (Eds.), *Biosurveillance: Methods and case studies* (pp. 240-263). Boca Raton, FL: Taylor & Francis.

Journals:

1. M. Ganesan, Suma Prashant, Vincy Pushpa Mary, N. Janakiraman, Ashok Jhunjhunwala and Nuwan Waidyanatha (2011). The Use of Mobile Phone as a Tool for Capturing Patient Data in Southern Rural Tamil Nadu, India, *Journal of Health Informatics in Developing Countries*, Vol 5, No 2 (2011), p 219-227.
2. Waidyanatha, N., & Dekker, S. (2011), The RTBP – Collective intelligence driving health for the users. *International Journal of User-Driven Healthcare*, 1(2), pp 56-64.
3. M. Ganesan, Suma Prashant, N. Janakiraman and Nuwan Waidyanatha (2011). Real-Time Bio-Surveillance Program: Field Experiences from Tamil Nadu, India. *Health, Poverty and Human Development*, Indian Association for Social Sciences and Health (IASSH).
4. Dubrawski, A, Ganesan, M., Gow, G., Waidyanatha, N. (2011). Affordable System for Rapid Detection and Mitigation of Emerging Diseases, *International Journal of E-Health and Medical Communications (IJEHMC)*, Vol 2. No 1 pp 73-90. Hershey, PA, USA: IGI Global.
5. Sampath, W., Waidyanatha, N., Ariyaratne, V., Ratnayake, R., Hemachandra, P., & Edirisinghe, E. (2010). Real-time biosurveillance pilot program. *Sri Lanka Journal of Bio-Medical Informatics*, 1(3), pp 139-154.
6. Waidyanatha, N. (2010). Towards a typology of integrated functional early warning systems. *International Journal of Critical Infrastructures*, 6(1), 31 – 51.
7. Samarajiva, R., & Waidyanatha, N. (2009). Two complementary mobile technologies for disaster warning. *info*, 11(2), pp 58 – 65. Bingley, UK: Emerald Publishers.

Conference/Symposium Proceeding:

1. Perera, K., Wilfred, T., Waidyanatha, N., and Silva, M. (2011). Automation Complexities in Integrating Voice and Text for Emergency Communications in Sri Lanka. Presented at the Present Around The World Sri Lankan Finals, Institute of Engineering and Technology, Annual Technical Conference (IET-PATW), Dec. 17, University of Moratuwa, Sri Lanka.
2. Waidyanatha, N., Sampath, C., & Ganesan, M. (2010). mHealth revolutionizing public health: An economic analysis. Paper presented at the 5th meeting of the Communication Policy Research South (CPRsouth), Dec. 08-10, Xi'an, China.
3. Waidyanatha, N., Gow, G., Sampath, C., Ganesan, M., Janakiraman, N., Careem, M., Pradeeper, D., & Kaluarachchi, M. (2010). Sahana alerting software for real-time biosurveillance in India and Sri Lanka. *Proceedings of the IEEE 1st International Conference on Computer and Information Applications (IEEE-ICCA)*, Dec. 04-05, Tianjin, China, No. 1, Vol. 1 pp 37-373.
4. Chen, L., Dubrawski, A., & Waidyanatha, N., Sampath, C. (2010). Automated detection of data entry errors in a real-time surveillance system. *Proceedings from the Ninth International Society for Disease Surveillance (ISDS)*, Nov. 30 – Dec. 02, Park City, USA.
5. Dubrawski, A., Baysek, M., Sampath, C., and Waidyanatha, N. (2010). Challenges of Introducing Disease Surveillance Technology in Developing Countries: Experiences from India and Sri Lanka, *Proceedings from the 9th International Society for Disease Surveillance (ISDS 2010)*, Nov. 30 – Dec. 02, Park City, USA.
6. Waidyanatha, N., Sampath, C., Dubrawski, A., Chen, L., Sabhnani, M., Ganesan, M., & Vincy, P. (2010). T-Cube as a tool for detecting disease outbreaks in real-time. *Proceedings of the IEEE 13th International Conference on Computing and Communication Technology – Research Innovation and Vision for the Future (IEEE-RIVF)*, Dec. 02-04, Hanoi, Vietnam.

7. Waidyanatha, N., Samarajiva, R., & Wattegama, C (2010). Need for integrated functional early warning systems: four case studies, Symposium on Disaster Impact and Assessment in Asia – Centre for Research on the Epidemiology of Disasters, Aug. 25 – 27, Hue City, Vietnam.
8. Waidyanatha, N., Samarajiva, R., Anderson, P., Gow, G., Careem, M., & Damendra (2010). Common alerting protocol all-hazards all-media for saving lives: Two case studies, Symposium on Disaster Impact and Assessment in Asia – Centre for Research on the Epidemiology of Disasters, Aug. 25-27, Hue City, Vietnam.
9. Waidyanatha, N., Dubrawski, A., Chen, L., Beysek, M., Prashant, S., & Ganesan, M. (2010). Real-time biosurveillance pilot in India and Sri Lanka. Proceedings of the 12th International Conference on e-Health Networking, Applications, and Services (IEEE-HealthCom), Jul. 04-06, Lyon, France.
10. Gow, G., Waidyanatha, N., & Vincy, P. (2010). Using mobile phones in a real-time biosurveillance program: Lessons from the frontlines in Sri Lanka and India. Proceedings of the IEEE International Symposium on Technology and Society (IEEE-ISTAS), Jun. 07-09, Wollongong, Australia, pp 366–374.
11. Waidyanatha, N., Kannan, T., Sheebha, R., & Vincy, P. (2010). Robustness of the mHealthSurvey Midlet for real-time biosurveillance, intelligent mobile computing for better medical services. Paper presented at the 4th meeting of the International Symposium on Medical Information and Communication Technology (IEEE-ISMICT), Mar. 22-25, Taipei, Taiwan.
12. Ganesan, M., Prashant, S., Janakiraman, N., & Waidyanatha, N. (2009). Real-time bio-surveillance program: Field experience from Tamil Nadu India. Paper presented at the 7th meeting of the Indian Association for Social Science and Health (IASSH), Feb 13, Varanasi, India
13. Dubrawski, A. Sabhnani, M, and Waidyanatha, N. (2009). T-Cube Web Interface for Real-Time Biosurveillance Program in Sri Lanka, 8th International Society for Disease Surveillance (ISDS) Conference, December 03 – 04, Las Vegas, USA.
14. Waidyanatha, N., Dubrawski, A., Ganesan, M., Gow, G., Sabhnani, M., & Weerakoon, P. (2009). Real-time biosurveillance pilot in India and Sri Lanka. Paper presented at the meeting of eAsia, Dec. 02-04, Colombo, Sri Lanka.
15. G. Gow and N. Waidyanatha (2009). Mobile Phones and the Challenge of Sustainable Early Warning Systems: Reflections on HazInfo Sri Lanka and opportunities for future research,
16. Dubrawski, A. Sabhnani, M. Knight, M. Baysek, M. Neill, D. Ray, S. Michalska, A. Waidyanatha, N. (2009). T-Cube Web Interface in support of real-time bio-surveillance program, proceedings of the International Communication and Technologies and development (ICTD 2009), 17 – 19 April 2009., Doha, Qatar, p 495-495
17. Samarajiva, R., & Waidyanatha, N. (2008). Two complementary technologies for disaster risk reduction through warning. Proceedings of the 3rd EURO mGov International Conference and Exhibition, Sep. , Antalya, Turkey.
18. Waidyanatha, N. (2008). Community-based hazard warnings in Sri Lanka: Performance of the last-mile link. Proceedings of the International Conference on Earthquake and Engineering for Disaster Management (ICEEDM), Earthquake Disaster Risk Reduction: Engineering Challenges after Recent Disasters, Jakarta, Indonesia.
19. Waidyanatha, N. (2007). Last-mile hazard warning system in Sri Lanka: Performance of the ICT first responder training regime. Paper presented at the meeting of the Communication Policy Research South (CPRsouth): Empowering Rural Communities through ICT Policy and Research, Dec. 15-17, Chennai, India.
20. Waidyanatha, N., Ranagarajan, S., Gow, G., & Anderson, P. (2007). Last-mile hazard warning system in Sri Lanka: Performance of the WorldSpace addressable radios for emergency alerts. Proceedings of the IEEE 10th International Wireless Personal Multimedia Communications (IEEE-WPMC), Jaipur, Dec. 21-24, India, pp 233-237.
21. Waidyanatha, N., Dias, D., & Purasinghe, H. (2007). Challenges of optimizing common alerting protocol for SMS based GSM devices in last-mile hazard warning system in Sri Lanka. Proceedings of the 19th Meeting of the Wireless World Research Forum (WWRF), Nov. 27-29, Chennai, India.
22. Gow, G., Waidyanatha, N., & Anderson, P. (2007). Community-based hazard warnings in rural Sri Lanka: Performance of alerting and notification in a last-mile message relay. Proceedings IEEE Communication Society 1st International Wireless Rural Emergency Communication Conference and Exhibition, Oct. 01-03, Rome, Italy.
23. Waidyanatha, N., Gow, G., & Anderson, P. (2007). Common alerting protocol message broker for last-mile hazard warnings in Sri Lanka: An essential component. Proceedings of the 2nd International Information Systems for Crisis Response and Management (ISCRAM), Aug. 26-27, Harbin, China, pp 59-65
24. Waidyanatha, N., Gow, G., & Anderson, P. (2007). Hazard warnings in Sri Lanka: Challenges of internetworking with common alerting protocol. Proceedings of the 3rd International Information Systems for Crisis Response and Management (ISCRAM), May 13-14, Delft, Netherlands, pp 281-293.
25. N. Waidyanatha (working paper) Module approach to selecting reliable resources for process-manufacturing in fluctuating market trends, University of Kelaniya, Sri Lanka
26. N. Waidyanatha (1999 April). Circuit covering of representable Matroids, Proceedings Montana Science Foundation, Butte, U.S.A
27. N. Waidyanatha (1999 November) Circuit double covers of matroids in irrigation works, Proceedings Colloquium University of Montana, Missoula, U.S.A

White papers:

1. N. Waidyanatha (2004, August). FIPA contract net protocol agent based system for engineering BPM, Spot On Solutions, Sri Lanka.
2. N. Waidyanatha (2004, March). A fuzzy inference methodology for selecting reliable resources in shop floor domains, InfoCraft Limited, Sri Lanka.
3. N. Waidyanatha (2003, May) Production system knowledge base implementation in Simple Hierarchical Ordered Planer 2, InfoCraft Limited, Sri Lanka.
4. A. Gunatilake, I. Aluthweediya, N. Waidyanatha (2003, January) Initiating e-Transformation by first owning an effective website, Hayleys Limited, Sri Lanka.

Invited Talks:

1. International Telecommunications Union (ITU), "Common Alerting Protocol (CAP ITU-T X.1303)", ITU Asia-Pacific Regional Multi-stakeholder Forum on Emergency Telecommunications, Ulaanbaatar, Mongolia, 8-11 July, 2011.
2. World Meteorological Organization (WMO), "Common Alerting Protocol in Sahana Freeware for Disaster Management", Common Alerting Protocol (CAP) Implementation Workshop, Geneva, Switzerland, 6-7 April 2011.
3. United Nations System Influenza Coordination (UNSIC), "Real-Time Health Early Warnings Dissemination for an Unscathed Population (HeadsUp) Biosurveillance Program in India and Sri Lanka.", Pandemic Preparedness Forum, Bangkok, Thailand, March 2010.
4. Commonwealth Telecommunications Organization (CTO), "Key Lessons from HazInfo on Use of ICT for effective Disaster Risk Management", Using ICTs for Effective Disaster Management Pacific Forum 2009, Samoa, July 2009.
5. Commonwealth Telecommunications Organization (CTO), "Sahana Free and Open Source Disaster Management System", Using ICTs for Effective Disaster Management Pacific Forum, Samoa. Jul. 07 – 09, 2009,
6. Sahana Conference, "Real-Time Biosurveillance Program". 1st Annual Sahana Conference, Colombo, Sri Lanka, March 25, 2009
7. Sahana Conference, "Common Alerting Protocol". 1st Annual Sahana Conference - , Colombo, Sri Lanka, Mar. 25, 2009,
8. World Meteorological Organization (WMO) , "Use of CAP for Disease Surveillance" and "P2P Multilanguage CAP Broker", Information Systems (WIS), Common Alerting Protocol Implementers Workshop, Geneva, Switzerland, Dec., 2008.
9. International Telecommunication Union (ITU), "Common Alerting Protocol", ITU Asia-Pacific Center of Excellence Training Workshop on Effective Use of Telecommunication/ICT in Response to Disasters: Saving Lives, Sintok, Keddha, Malaysia, November 2008.
10. Indonesian Institute of Disaster Preparedness, "Sharing Knowledge on Disaster Warning Community-based Last-Mile Warning System", Jakarta, Indonesia, January 2008.
11. All India Disaster Mitigation Institute, "Sharing Knowledge on Disaster Warning: Community-based Last-Mile Warning System", India Habitat Center, Delhi, India, November 2007.
12. Bangladesh University of Engineering and Technology, "Sharing Knowledge on Disaster Warning: Community-based Last-Mile Warning System", Dhaka, Bangladesh, October 2007.
13. International Telecommunications Union, "Last-Mile Hazard Warnings System in Sri Lanka" and "Challenges of Implementing the Common Alerting Protocol in Sri Lanka", ITU League of Arab Nations, Alexandria, Egypt, April 2007.
14. International Federation of Red Cross and Red Crescent Societies (IFRC), "Last-Mile Hazard Warning Dissemination: A Research Project", IFRC Technical Meeting on Emergency Communications, Sri Lanka Red Cross Society, Colombo, Sri Lanka, December 2006.
15. United States Agency for International Development (USAID), "Contribution of Sarvodaya towards Coastal Communities Resilience: Common Alerting Protocol Message Relay", Coastal Community Resilience Institute, Colombo, Sri Lanka, October 2006.
16. Commonwealth Telecommunications Organization, "Common Alerting Message Relay: Sarvodaya Hazard Information Hub", Using ICTs for effective Disaster Management Forum, Ahunglle, Sri Lanka, June 2006.
17. International Telecommunications Union (ITU), "Last-Mile Hazard Warning System Sarvodaya/LIRNEasia Project", ITU-Telecommunications Regulatory Commission of Sri Lanka Workshop on Emergency Telecommunications for Disaster, Colombo, Sri Lanka, March 2006.

ON LINE CONSULTATIONS AND CONTRIBUTIONS

- Sahana Software Foundation – <http://www.sahanafoundation.org/>
- Health Information for All 2015 – <http://www.hifa2015.org/>
- W3C Incubator, Emergency Information Interoperability Framework Incubator Group - <http://www.w3.org/2005/Incubator/eiif/charter-20071203>
- OPENROSA, consortium formed to create open source, standards-based tools for mobile data collection, aggregation, analysis, and reporting - <http://www.openrosa.org/>
- AED Satellte, Healthnet global discussion group, center for health information and technology - <http://www.healthnet.org/>
- HazInfo, Google group - <http://groups.google.com/group/hazinfo>
- Biosurveillance 2.0, Google group - <http://groups.google.com/group/biosurveillance>

TECHNICAL EXPERIENCES

Operating Systems:	Windows, Mac OS, VAX/VMS, MS DOS, Linux, Unix, OS400, iOS
Programming Languages:	PHP, Fortran, Paradox, Pascal, C, C++, C#, VB, Java, MS SQL, MySQL, Oracle, DB2, LISP
Developer Tools:	Netbeans, IDE, MS Visual Studio .NET, Visual Studio 6.0, Oracle Developer 2000, J2SE, JADE 1.0, LispWorks 4.2, SQL Enterprise, Oracle 8.0, Extend 6.0, Paradox 7.0
Processors:	Intel x86, Motorola 6800, SPARC
Technologies:	.NET, FIPA, PKI X509, Wi-Fi, TCP/IP
Open Source:	Sahana, OpenRosa, SHOP, JADE, Mono, GanttProject,

Capabilities

Expertise are in ICT system design, consultation and actionable research working collaboratively with multiple national and international partners applying the academic and industrial experience in being a valued entrepreneur recognizing new developments in technology and anticipating trends.

Innovative developer with more than eight years of expertise in delivering technical strategies and managing information technology systems solutions, software application development, project management and end-user training. Committed to staying current on innovations in information communication technology and inventions in computer science

Emphasis on research and development work, project management, supervision, training and quality control, continuous improvements process planning. Have extensive background in the full project development life cycle from the initial concept through final delivery and ongoing support. Rapidly achieve organizational integration, assimilate job requirements and employ new ideas, concepts, methods and technologies.

Comprehensive technology experience in relational data analysis, database design, object-oriented software engineering, agent based systems engineering, software application development, Internet development, client-server infrastructure, software project management, business analysis, requirements gathering, application integration, application customisation, and test engineering. These experiences of developing products are both internationally and nationally.

Personality geared to be an energetic and self-motivated team player with excellent communication, interpersonal, spontaneous, and leadership skills. Work well in both independent and collaborative work environments.

ORGANIZATIONS AND MEMBERSHIP

- Project Management Committee and standard/Interoperability group, Sahana Software Foundation, Global
- Member, American Mathematical Society, U.S.A
- Member, Institute of Electrical and Electronic Engineers, U.S.A
- Disk Jockey, Campus Radio – KBGA 89.9 FM, University of Montana, U.S.A
- President, International Student Association, University of Maine, U.S.A
- Senator, Student Government, University of Maine, U.S.A

- Member, Presidential Board in Student Academic Affairs, University of Maine, U.S.A
- Member, Student-Staff-Faculty Breakfast Club, University of Maine, U.S.A
- Vice President, Natural History Society, S. Thomas' College, Sri Lanka
- Boy Scout, S. Thomas' College, Sri Lanka

SPORTS

Rugby, University of Montana, U.S.A
Rugby, University of Maine, U.S.A
Basketball, S. Thomas' College, Sri Lanka
Cricket, S. Thomas' College, Sri Lanka

Volleyball, S. Thomas' College, Sri Lanka
Table Tennis, Birkache Junior League, Stuttgart, Germany
Swimming, S. Thomas' College, Sri Lanka