

EDUCATION

Diploma in Archaeology

Postgraduate Institute of Archaeology, Sri Lanka

December 2008

Transportation Engineering, Master of Science

University of Moratuwa, Sri Lanka

March 2006

Study was focused in developing software for schedule public transport buses in Sri Lanka. This project was funded by the National Transport Commission, Sri Lanka. The final product was still in use at the National Transport Commission and it was used in the Western Province Passenger Transport Authority and Southern Province Passenger Transport Authority to schedule buses.

BCS Diploma in IT

British Computer Society, UK

April 2002

Electrical Engineering, Bachelor of Science

University of Moratuwa, Sri Lanka

June 2001

ACS Examinations in IT

Australian Computer Society, Australia

August 1999

Experience

Consultant (Intermittent)

egis International, France

August 2012 – To date

Co-Founder and Team Leader

archaeology.lk website

December 2009 – To date

Consultant

Vendcell (Pty) Ltd, 31 Lincoln St, Richmond, VIC 3121, Australia

May 2010 – March 2012

Consultant

Centre for Transport Research and Studies, University of Moratuwa

September 2007- April 2010

Freelance IT Consultant/Software Developer

December 2006 – To date

Research and Development Engineer

ADELanka (Pvt) Ltd., IBM Building, Nawam Mawatha, Colombo 02

Jan. 2005- Nov. 2006

ICT Consultant

National Transport Commission, 241, Park Road, Colombo 05

May 2003 – Dec. 2004

Research Assistant

University of Moratuwa, Katubedda, Moratuwa

July 2001 – May 2003

Skills

Delphi
AJAX
Asp MAP
CSS
HTML/XHTML
JavaScript
PHP
Spread for .NET
SQL
XML/XSL
Visual Basic

MySQL
MSSQL
MS Access

Windows
XP/7/Server 2008
Linux

Apache
IIS

Adobe
Dreamweaver
Adobe Illustrator
Adobe InDesign
Adobe Photoshop
Arc GIS
MS Office Suite

Joomla
Wordpress

PROJECTS AND ASSIGNMENTS

Name of Assignment or Project: Removal of Bus Fare Anomalies in Sabaragamuwa, Uva and Northern Province

Year : 2012 - 2013

Location : Galle, Sabaragamuwa, Uva and Northern Province

Client: Transport Consultancy and Training Services (Pvt) Ltd / National Transport Commission

Main Project Features: Removal of bus fare anomalies of Sabaragamuwa, Uva and Northern Province by measuring distance and creating GIS map of routes in each province

Position: Consultant

Activities: - Design and Development of Data capturing software to capture Location(using voice), GPS coordinates, distance, Design and Development of Web based Data Management Tool, Development of report generator, Development of web based map using Google maps to identify measured routes

Name of Assignment or Project: Transport Service Management System for Eastern Province Road Passenger Transport Authority(EPRPTA)

Year : 2012 - 2013

Location : Galle, Traincomalle, Ampara

Client: Transport Consultancy and Training Services (Pvt) Ltd / Eastern Province Road Passenger Transport Authority

Main Project Features: Development of web based transport service management system for EPRPTA manage permits, bus crew, schedules, bus owner, service charges, electronic display of time tables

Position: Consultant

Activities: - Design and develop the database for the system, Design and develop the web based application to manage transport services, Training the staff of EPRPTA, Design and develop a electronic time table display system which can be control through internet

Name of Assignment or Project: Road Project Preparatory Facility: FS and DD of 400 kms of Roads in Kilinochchi and Mullativu districts

Year : 2011

Location : Colombo

Client: Egis Bceom International in association with Consulting Engineers and Architects Associated, Sri Lanka

Main Project Features: Assets management system for the Sri Lankan road network

Position: Consultant

Activities: Assisted the international Asset Management Specialist. Coding the developing of the web interface for the System, Configuring the IIS Server, Configuring the MSSQL Server, providing training to the engineers and IT personnel of the PRDA, Installation of Software, Configuring remote access to the server

Name of Assignment or Project: Preservation of Palm leaf Manuscripts in Southern Province of Sri Lanka(Volunteer Work)

Year : 2011

Location : Matara

Client: Royal Asiatic Society, Sri Lanka and Harischandra Mills (Pvt) Ltd.

Main Project Features: Digitizing and putting online selected Palm leaf manuscripts in the Southern Province of Sri Lanka

Position: Project Leader / Software Developer

Activities: Managing the project and developing online database to access manuscripts from anywhere in the world.

Name of Assignment or Project: Design and development of the Postgraduate Institute of Archaeology Website

Year : 2011

Location : Colombo

Client: Postgraduate Institute of Archaeology

Main Project Features: Design and developing website for the institute and restricted website for students and staff

Position: Software Developer

Activities: : Designed the developed, concept of the site

Name of Assignment or Project: Inscriptions of Sri Lanka - Online database(Volunteer Work)

Year : 2009

Location : Colombo

Client: Royal Asiatic Society, Sri Lanka

Main Project Features: Putting online all the identified inscriptions in Sri Lanka and hand it over to Department of Archaeology, Sri Lanka

Position: Project Co-coordinator / Web Developer

Activities: Co-ordinating and developing and customizing the back end

Site: <http://www.royalasiaticsociety.lk/inscriptions/>

Name of Assignment or Project: Redesign of Royal Asiatic Society Website(Volunteer Work)

Year : 2009

Location : Colombo

Client: Royal Asiatic Society, Sri Lanka (<http://www.royalasiaticsociety.lk/>)

Main Project Features: The website for the 165 years old academic institute, putting their library catalogue online

Position: Web Developer

Activities: Designed the developed, concept of the site, Put the library catalogue online

Site: <http://www.royalasiaticsociety.lk/>

Name of Assignment or Project: Online Vending Machine Monitoring System

Year : 2008-Todate

Location : Kalutara / Melbourne, Australia

Client: Connect IT Robotics(Pty) Ltd– Melbourne, Australia

Main Project Features: Develop an online monitoring system for vending machines.

Position: Consultant

Activities: Researched on developing algorithm, prepared software requirement specification for the online system

Name of Assignment or Project: Audio Recognition Project

Year : 2008

Location : Colombo

Client: Adelphoi (UK) Ltd

Main Project Features: Develop an algorithm and software to recognize a song by the content of song.

Position: Development Manager

Activities: Recruiting and managing project team, researched on developing algorithm, Prepared software requirement specification for the software

Name of Assignment or Project: Computerization of the Sri Lanka Transport Board

Year : 2007-2010

Location : Colombo

Client: University of Moratuwa / Sri Lanka Transport Board

Main Project Features: Develop a complete IT solution to manage the operations of Sri Lanka Transport Board. The Sri Lanka Transport Board has 37500 employees, 103 depots(island-wide), 12 regional offices, 11 workshops and over 5000 buses. The solution comprises interconnecting depots, developing web based portal to manage Operations, Engineering and Human Resources.

Position: ICT Consultant

Activities: Recruiting and managing project team, Preparing software requirement specification for web portal, selecting communication service provider to inter link depots, regional offices, workshops and head office, establishing new LAN and wireless network, Installing, configuring and managing web server, assisting the Sri Lanka Transport Board to establish a new IT unit, provide training to the employees

Name of Assignment or Project: Ola Leaves Project

Year : 2007-2008

Location : Colombo

Client: Postgraduate Institute of Archaeology – University of Kelaniya

Main Project Features: Develop a web based information collecting system to collect information of Ola Leave books scattered around the country.

Position: Team Member(IT)

Activities: Preparing software requirement specification for web portal, developed new numbering system based on province, district, DS division and GN division for Ola Leave books, Installing, configuring and managing web server, developed the web portal using PHP/MySQL, Introduced project management module, Introduced web based GIS map to display the locations of books.

Name of Assignment or Project: National Transport Commission Web Portal

Year : 2007-2008

Location : Colombo

Client: National Transport Commission

Main Project Features: Develop a web portal to manage permits, buses, and crew information of the National Transport Commission

Position: Team Leader

Activities: Preparing software requirement specification for web portal, developed a low cost ID issuing system to issue identity cards to bus crew, Installing, configuring and managing web server, developed the web portal using PHP/MySQL, Developed a module to handle fare tables and reporting, Developed a demerit system for bus crew, Developed route managing module.

Name of Assignment or Project: Southern Province Road Passenger Transport Authority Web Portal

Year : 2007-2008

Location : Galle

Client: Southern Province Road Passenger Transport Authority

Main Project Features: Develop a web portal to manage permits, buses, and crew information of the Southern Province Road Passenger Transport Authority. Develop a journey planner and web based GIS map for the Southern Province

Position: Team Leader

Activities: Recruiting and managing project team, , Preparing software requirement specification for web portal, journey planner and web based map, developed the web portal using PHP/MySQL, planning a survey to collect information required for the GIS map

Name of Assignment or Project: – Local Integrated Distributed Desktop System

Year : 2007-2008

Location : Colombo

Client: Adelphoi (UK) Ltd

Main Project Features: Develop a web and windows based solution to create dynamic forms

Position: Development Manager

Activities: Recruiting and managing project team, , Preparing software requirement specification, Developed the windows based prototype.

Name of Assignment or Project: – Portable Traffic Management System

Year : 2007-2008

Location : Warakapola

Client: Keangnam Enterprise Ltd

Main Project Features: Develop a low cost traffic signal light system to manage traffic at road construction site

Position Held: Team Leader

Activities Performed: Recruiting and managing project team, Designed hardware

Name of Assignment or Project: – UNIROAD II Traffic Light System

Year : 2007-2008

Location : Moratuwa

Client: University of Moratuwa

Main Project Features: Develop a low cost traffic signal light system and timing calculation software

Position Held: Team Member

Activities Performed: Developed timing calculation software

Name of Assignment or Project: – Project Formation Study for Pro-Poor Rural Development Project (Concerned sectors: Roads, Water Supply, Irrigation and Electrification)

Year : 2006

Location : Uva Province

Client: Japan Bank for International Cooperation

Main Project Features: Study for Pro-Poor Rural Development Project (Concerned sectors: Roads, Water Supply, Irrigation and Electrification)

Position Held: Engineering Consultant

Activities Performed: Engaged in selection and prioritization of sub-projects proposed by different local authorities based on engineering judgment after careful site inspections, Prepared Engineer's estimate for selected sub-projects based on the Highway Schedule of Rates (HSR) of Road Development Authority, Prepared the Bill of Quantities for different Divisional Secretaries' areas,

Prepared scope of work and cost implementation structures & work schedules of selected sub-projects.

Name of Assignment or Project: – Computerization of Functions of the Southern Provincial Passenger Transport Authority

Year : 2004

Location : Galle

Client: Southern Provincial Passenger Transport Authority / National Transport Commission

Main Project Features: Computerize the Southern Provincial Passenger Transport Authority activities and create schedules for bus routes

Position Held: Team Member

Activities Performed: Prepared timetables for routes.

Name of Assignment or Project: – Bus Time Tabling & Restructuring for Western Province Transport Authority

Year : 2003-2004

Location : Galle

Client: Western Provincial Passenger Transport Authority / University of Moratuwa

Main Project Features: Developing new software to prepare schedules for routes and prepare time tables.

Position Held: Team Member

Activities Performed: Developed software to prepare schedules, Prepared timetables for routes.

Professional Affiliations

Chartered Member – The Chartered Institute of Logistics and Transport, UK

Professional Member – British Computer Society, UK

Member – The Institute of Electrical and Electronic Engineers, USA

Life Member – Sri Lanka Association for the Advancement of Science

Life Member – Royal Asiatic Society, Sri Lanka

Awards

January 2013 | National Best E-Content Award(e-Culture and Heritage) for archaeology.lk – Information and Communication Technology Agency, Sri Lanka

October 2001 | Best Paper Presented – The Institute of Engineers, Sri Lanka
“Simulation of Natural Lighting Availability for Lighting Design”

June 2001 | Best Undergraduate Final Year Project – University of Moratuwa
“Simulation of Natural Lighting Availability for Lighting Design”

1996 | Mahapola Merit Scholarship

Publications

Master’s Thesis

Piyadasa J.D.A.I, Optimization of Bus Dispatching from Any Given Terminal, 2006

Papers/Presentations

Samarajeeva P., Ambanwala C., Piyadasa A., - “Visualization of Ancient Anuradhapura: A Demonstration of Digital Possibilities”, Fourth Annual Research Conference, Royal Asiatic Society of Sri Lanka, March 2011

Piyadasa A., Ambanwala C., et al – “Use of Digital Technology to Record Archaeological Data at Alavala Potgullena Cave”, Hunting for Hunter-gatherers at Alavala Cave, Symposium on new discoveries from the excavation at Alavala, Postgraduate Institute of Archaeology, University of Kelaniya, Nov. 2009

Piyadasa A., Ambanwala C., Karunaratne M. – “*Sri Lankave Sparshaneeya Sanskrutika Urumaya Ankita Svaroopayen Varta Kireeme Avashyatava ha Ese Kireema Sandaha Yojita Akrutiyak* – in Sinhala (The necessity of recording tangible Sri Lankan cultural heritage in digital form and a framework for that)”, National Archaeological Symposium 2009, Department of Archaeology, Colombo 07, Sri Lanka, July 2009

Piyadasa J.D.A.I., Fernando S. – “Potential for an ICT based Public Transport Management System for a Public Transport Operator”, SAARC Seminar on Public Road Passenger Transport in SAARC Countries, National Transport Commission, Sri Lanka, July 2008

Piyadasa J.D.A.I., Adikari G., Dharmarathna G.P.G, Nimal de Silva – “A Digital Library for a Ola Leave Books”, International Conference on Social Sciences, Sri Lanka, Research Centre for Social Sciences, Faculty of Social Sciences, University of Kelaniya, July 2008

Piyadasa J.D.A.I, Kumarage A.S – “Interactive Software Tool for Scheduling of Individual Bus Operators on a Route”, Proceedings of International Conference on Application of Information and Communication Technology in Transport Systems in Developing Countries, Transportation Engineering Division, University of Moratuwa, August 2004

Piyadasa J.D.A.I, Kumarage A.S – “Formulation of a Bus Dispatching Policy to Achieve Simultaneous Economic and Financial Optimization of a Route”, Proceedings of the 8th Annual Symposium 2002, Engineering Research Unit, University of Moratuwa, August 2002

Piyadasa J.D.A.I, Wijesinghe H.A.S.C, Kularatna J.P, Priyadharshana M.K.A - “Simulation of Natural Lighting Availability for Lighting Design”, Younger Members Sessions, The Institute of Electrical Engineers, Sri Lanka, August 2001

Personal Information

Full Name : Janage Don Anuradha Indika Piyadasa

NIC Number: 742392015V

Passport : N 2288715

Date of Birth : August 26, 1974

Civil Status : Married

Wife: Kaththota Ralle Avanthi Udaya Kumari Rupasinghe Date of Birth: March 19, 1977

Profession: Doctor

Children : Two Daughters (Age 7 and 5)