

L.P. Manupriya Banu Liyanapathirana



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» PROFILE

Age : 24
Gender : Male
Nationality : Sri Lankan
NIC : 890800050V
Schools Attended : Maliyadeva College, Kurunegala.
University Attended : University of Colombo

» OBJECTIVE

Maximize my capabilities on Software engineering, using modern technologies and contribute to create innovations with successful methodologies.

» EDUCATION

University of Colombo	2009– 2013
Maliyadeva College	2000– 2008

» ACADEMIC QUALIFICATIONS

Degree: Bachelor of Science (Computer Science) pending - 2013
Current GPA: **3.35** (2nd upper)

Major course modules

- Intelligent systems
- Distributed systems
- Natural Language Processing
- High Performance Computing
- Neural Computing
- Compilers and Automata Theory
- Middleware Architecture
- Cryptography Systems
- Statistical Inference for Computing
- Advance Data Structures and Algorithms
- Numerical Computing
- Operating Systems
- Database Management Systems

Advance Level (A/L)

2008

Mathematic stream: Combine mathematics, Physics, Chemistry

» PROFESSIONAL QUALIFICATIONS

Followed **CCNA(640-802)** course.

Followed **MCTS 70-505**: .Net Framework 3.5: Windows forms Application Development

Followed **MCTS 70-511**: .Net Framework 4: Windows forms Application Development with Microsoft .Net

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» WORK EXPERIENCE

I worked as a trainee Software Developer at EPIC Lanka (Pvt.) Ltd. for the internship program from April 2012 to January 2013 (10 months).

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» PROJECT EXPERIENCE

Text to Sign Language Interpreter for Sinhala Language (TSLI)

- **4th year individual research project**
- **Objective:** Fill the gap between deaf and non-deaf people using TSLI.
- TSLI System will convert Sinhala text into Sinhala sign language by analyzing the morphological features of a given text. Identified word components are mapped with corresponding signs and concatenated to get the final output. TSLI supports Sinhala Unicode and if there no sign is available, system will be automatically finger-spelled.

Technologies/Theories- c#.NET, NLP theories, SQL server

AMBP (Accepting Mobitel bill payment for SLT users)

- I worked on AMBP system which enables Mobitel customers to pay Mobitel payments in SLT premises, as a trainee at Epic Lanka. This is a batch processing application hosted in centralized server. Basically, threading concepts are used to traffic handling.

Technologies using in the project- c#.NET, threading technologies, Oracle DB

PIR Service (Performa Invoice Service)

- Web service was developed for the SLT, as a trainee at Epic Lanka. This service finds any customer details for the Performa Invoicing System.

Technologies used in the project- c#.NET, ASP.NET, Oracle DB, IIS

Tax Management System for CODA (Accounting system) data filtering

- This is a standalone system which can be used to manage Taxes in SLT (Sri Lanka Telecom) accounting system. Through the system, tax-accounts in the CODA data filtering system can be easily balanced. System is capable of adding, deleting, modifying Taxes and mapping it to related accounts etc.

Technologies used in the project- c#.NET, Oracle DB

CNS (Customer Notification Service) with test application

- Web service was developed for the SLT, as a trainee at Epic Lanka. It is capable of finding any SLT customer details from any SLT billing center in all over the country according to account number or the telephone number of the customer.

Technologies used in the project- c#.NET, ASP.NET, Oracle DB, IIS

Project SFR (sign following robot)

- **3rd Year group project**
- **Objective:** Replace human driven inefficient method to transport goods in huge factory from one location to another.
- The system is capable of recognizing signs on the road using a camera. It takes images in real-time and gives commands to the vehicle which enables to navigate automatically from a source to a given destination.

Technologies used in the project - Image Processing, Neural Networks, VisualC++, OpenCV, microC (for pic programming)

Pawning Management System for “Ran Medura” of WCRB

- **2nd Year RAD group project**
- **Objective:** Automate the functions of “Ran Medura” pawning center
- This is an online web portal which enables customers to check their payment details, pawning details, auction details, current interest, worth of a gold item using jewel meter.

Technologies used in the project - Joomla, MySql, Php, HTML/CSS

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» EXTRA CURRICULAR ACTIVITIES

- Won the 1st place in “**Malidev Sith-ru**” art exhibition in 2004(senior section).
 - Won the 2nd place in “**Malidev Sith-ru**” art exhibition in 2002(junior secondary section).
 - Won the 2nd place in Short film competition of ifo++ exhibition. (“**NEEDS**”)
 - A Secretary of the Maliyadeva College Science society from 2004 to 2005.
 - A member of Art Circle, Astronomical Society in Maliyadeva College.
 - Created a drama and played a main role at science day of Maliyadeva College in 2007.
 - Member of the Computer Science Society University of Colombo(**compsoc**)
 - An exhibitor of the Open source section of the ifo++ 2010 exhibition conducted by UCSC
 - Active Member of the exhibition committee of ifo++ 2010
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» TECHNICAL SKILLS

- Language Experience with C#, Java, C/C++, Python.
- Web Development (ASP.Net, PHP, JavaScript, HTML/XML,CSS)
- Database Management Systems (SQLServer, MySQL, Oracle)
- Experience with IDEs (Visual Studio, NetBeans, Eclipse, Dreamweaver)

» REFEREES

Prof.N.D.Kodikara

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I hereby certify that above mentioned information is true and accurate to the best of my knowledge.

L.P.M.B.Liyanapathirana
Undergraduate (Fourth Year)
University of Colombo School of Computing (UCSC).