

Sanjaya Amarasinghe

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PROFILE

Full Name: Amarasinghe Lekamlage Sanjaya Amarasinghe

Age: 25 Years

Gender: Male

Nationality: Sri Lankan

NIC: 881521334V

OBJECTIVE

To be highly skilled in the software field while giving the best of my contribution to the team, the company and towards the betterment of the mankind.

ACADEMIC QUALIFICATIONS

- **University:** University of Colombo School of Computing
Degree Program: Bachelor of Science (Computer Science)
 - Currently studying in **4th year**. Poses a first class with a **GPA of 3.5536**.
- **School:** Bandaranayake Central College, Veyangoda
 - Passed GCE (A/L) Exam in year 2008 in Mathematics stream with **2 “B” passes and 1 “C” pass**.
 - Passed GCE (O/L) Exam in year 2004 with **8 “A” passes and 2 “B” passes**.

PROFESSIONAL QUALIFICATIONS

Sun Certified Java Programmer
For the JAVA 2 Platform, Standard Edition 5.0
On June 18, 2010

SKILLS AND INTERESTS

- **Technical Skills :** **Programming** with Java SE, J2EE, C++, C#, **Web development** (php, JavaScript and CMSs like Joomla, Wordpress and phpBB), **Database Management Systems** (MS SQL Server and MySQL), **Experience with IDEs** (Eclipse, NetBeans, Qt, Visual Studio), Experience with **other technologies and tools** like LDAP, Apache Velocity Engine and Ant

- **Other Skills** : Leadership, Team Player, Organizing skills, Commitment, Analytical skills, Reliability, Flexibility, Responsibility, Good Attitude, Interpersonal Skills, Willingness to Learn
- **Hobbies** : Hanging-out with friends, Hiking, Reading Crime Stories

PROJECT EXPERIENCE

University Level

Some of the projects done in the university level are briefed below.

1. Object Detection and Location Estimation in a Maritime Environment (University 4th year Research - ongoing)

In this research a computer vision based approach to detect surface objects in a maritime environment and estimate locations and extract physical features of the detected objects is explored. Here the location estimation is done using only the visual data taken from a video camera.

Technologies/Tools: C++, OpenCV, OpenGL, Qt

2. Sign Following Path Navigation System (University 3rd year group project)

A system which is capable of recognizing signs using camera images taken in real-time and giving commands to a vehicle which enables it to navigate automatically from source to a given destination. Signs will help in identify the position of the vehicle and the vehicle is given commands through a wireless connection.

Technologies/Tools: C++, QT, OpenCV, PIC programming

3. Document Management and Reservation Management System for Medical Faculty of University of Colombo (CompSoc)

A Document Management and Reservation Management System which includes an internal messaging system. (<http://dms.med.cmb.ac.lk>)

Technologies/Tools: php, MySQL, Wordpress, BuddyPress, SVN

4. Data Entry Web Application

An application which can be used to collect data based on geographical information. A user can login to the system and click on a place of the map and there he can enter the data corresponding to the place. Developed as a supplement for an ongoing research project.

Technologies/Tools: php, MySQL, JavaScript, Google Maps API, Web Services, XML

Internship (BSharp Lanka (pvt) Ltd)

1. LDAP login module

LDAP login module was developed for BSTbase (the JEE framework used to build healthcare applications in the company). OpenDJ LDAP server was installed and configured. The new login module was developed and integrated with the base framework which enabled all the user login handling tasks.

Technologies/Tools: J2EE, OpenDJ, SpringLDAP, JNDI, Ant Scripts

2. AutoCode V2.0

A web application which enables automatic generation of .java and .xml source files which make the work of developers a lot easier when developing new modules for BSTBase and BCare applications.

Technologies/Tools: J2EE, Apache Velocity Template Engine, JavaScript, XML, Ant Scripts

UserMax Technology

1. Point of Sales and Inventory Management System for UserMax Technology

An online system which contains modules like invoices, goods receiving management, customer management, and gift vouchers etc. The system is being used for several years now.

Technologies/Tools: php, MySQL, Ajax

Other Web Projects

I have experience in more than 15 web projects using technologies like PHP, MySQL, JavaScript, Joomla, Wordpress, HTML, CSS, and Flash. Some of them are listed below:

- <http://computerdepot.lk/>
- <http://usermaxonline.com/>
- <http://compsoc.lk/> (V3.0)
- www.nisd.lk
- <http://panegyricjourney.com/>
- <http://www.seenlanka.com/>
- <http://dsscollegemirigama.org/>
- <http://ceylonuk.com/>

WORK EXPERIENCE

- **Trainee Software Engineer:** B Sharp Lanka (pvt) Ltd
Duration: 6 months (April 2012 to October 2012)
- **Web Designer & Developer:** UserMax Technology, Mirigama
Duration: 5 years (August 2008 to Present – Part Time)
- **Lecturer:** UserMax Technology, Mirigama
Duration: 3 years (2009 to 2012 – Part Time)
Have done training sessions on things like Internet and Email, Web Designing and CMS.

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

University Level:

Calcey Hackathon 2012 – Runner Up

- Represented UCSC in Calcey Hackathon 2012 and became the runner up from six teams of different universities. (URL: <http://www.ucsc.cmb.ac.lk/node/402>)

President of CompSoc

- CompSoc - Computer Science Society of University Colombo is one of the oldest and most active student organizations in the Sri Lanka University System.

- Organized the “Media Editing workshop and competition” in year 2011 which was a huge event.

- Organized and participated in several workshops for students of Schools

- Contributed in organizing and participating as a resource person in many of the "Internet Sampath Bhavithaya" Radio Programs - SLBC

Have done technical sessions for University Students

Vice-Chair Person of the IEEE student branch of University of Colombo School of Computing

- Participated in IEEE Xtreme 5 and 6 programming competitions

- Participated in several other events organized by the student branch

School Level:

- Participated in **English Activity day competitions** up to All Island level and have achieved several victories

- Active member of the **Aeronautical Society** and the **Literature Society**

Microsoft Student Ambassador for University of Colombo (Microsoft Student Champs)

- MS Champs is one of the largest IT organizations in Sri Lanka which comprises of Undergraduates. Ambassadors are the people who lead the community.

- Have done technical presentations, contributed in organizing meetings and was the organizing crew leader of ImagineCup 2013 Local Finals

- Participated in the **IT Quiz 2006** organized by University of Colombo School of Computing

REFREES

Prof. N.D. Kodikara

(BSc, Dip.in App. Stat, MSc, PhD)

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I hereby certify that the above particulars are true and correct to the best of my knowledge.

Sanjaya Amarasinghe

15th September, 2013