

# D.Y.K.Sampath

Software Engineer



## Contact

**Name** - Yasasri Kasun Sampath

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## Education

- University of Colombo School of Computing (2009 - present)

**Current GPA – 3.35**

- Taxila Central College Horana

**2008 G.C.E. A/L**

Z score – 1.7879

with General English - B

**2004 G.C.E. O/L**

8 A passes

## Career Objective

Seeking a career challenge in a challenging atmosphere where I will use my profound skills, knowledge and abilities to contribute towards the growth of the company I work, with and to attach value to myself professionally. Work as an excellent Team Player who will drive the team towards the intended goal by providing reliability and efficiency in whatever the workload that is given to me, while helping others in the team.

## Work Experience

- Software Engineer(Trainee) at thinkCube Systems Pvt Ltd, 2012 April - 2012 Sep
- Microsoft Student Partner at Microsoft, 2013 - current
- Owner/ Individual App developer at yasaApps, 2012 – current <https://www.facebook.com/yasaApps>
- A Banking Assistance(Trainee) in Peoples Bank, 2008/2009

## Professional Qualifications

- Sun Certified Java Programmer (SCJP) Training Program
- MCTS Examination 70- 505 Training Program : .Net Framework 3.5
- Followed a professional English Program in British Council (Upper Intermediate Level 2)
- Higher Diploma in English at Youth Council

## Involvements

- Presenter/Active member at Microsoft Student Champs
- Exhibitor at IFO++ exhibition in Augmented Reality Section
- Active member of CompSoc Society
- Active member of IEEE UCSC students branch
- Committee member at Taxila Central Collage Science Community 2007
- Active member in Taxila Central College Chess Team

## Technical Skills

- Micro Controller Programming
- Sensor Networks
- Data Fusion Techniques
- Pattern Recognition
- Windows Mobile development
- Arduino Programming

- Java Programming
- Semantic Role labeling
- Named Entity Recognition
- Drools Rule engine
- Lemmatizing

- All image filtering algorithms purely hard coded in C#.Net
  - WindowsPhone SDK
  - Image Processing
  - MS Expression Blend / VS
- Won an International award***

- C#.Net
- Image Processing
- Windows Form Application Development

- Java
- Image Processing
- Android Application Development

## Other

C, C++, Python, MySQL, PHP, HTML, XML and JavaScript, RAD Techniques, Joomla

## References

Dr. Prasad Wimalaratne  
Senior Lecturer,  
University of Colombo school of Computing,  
Contact: 0 112581245  
Email: spw@ucsc.cmb.ac.lk

## Project Experience

### 1) Obstacle Classification through Acoustic Echolocation (Final Year Research)

Main intention of this research is to investigate a methodology to detect and classify the obstacles in a navigational path of a visually impaired person using acoustic echolocation. A sensor and Microcontroller embedded wearable cloth is invented in the research to get the sensor readings and to classify obstacles.

### 2) Help AI System (Industry Project)

A system that automates the simple and complex operations of the ERP system developed by the company named **ZoombaCloud**. If a user sends a command in the form of natural language, the system try to understand the user request, and according to the risk of the task it does the task or redirect the user to the URL in the ERP system where user can perform the task.

### 3) Photo Signer For Windows Phone (Individual Project)

A Photo Editing App currently available in Windows Phone App store with 50+ image filters, basic effects, image functions and frames. ***Won people's Choice Awards*** at a WP app development competition organized by **Nokia**. Around 500 paid app downloads up to date.

### 4) Vehicle Number plate detection system (Individual Project)

The Algorithm of the system was a unique one which was not to be found in the literature of the domain, without using traditional methods and found extremely efficient in comparison to existing methods.

### 5) Sri Lankan Currency Note Recognition System for Blind People (3rd Year Project )

Android application developed for Blind people to identify Sri Lankan Currency Notes. When you run the application it classifies the money notes and output a sound clip telling the value of the Note.

### 6) Learning and information Management System for Sasip Institute (RAD Group Project)

### 7) Automatic Tooth decay Identification system (Individual Project)

## Interested Area: Software Engineer

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

D.Y.K.Sampath  
BSc. in Computer Science (Special)  
University of Colombo School of Computing