# AJITH SRIKUKAN

16 1/3, Sagara Road, Colombo – 04.
Tel (Resident):      0112597193      Tel (Mobile):        0779963107
Email: ajithsri@gmail.com Blog: www.ajithsrikukan.wordpress.com

## OBJECTIVES

I aspire to be a natural leader in any given situation and to develop excellent flair for research, competent development, and prompt responses for issues. I wish to utilize the theoretical knowledge I have gathered whilst my stay at University, to make steady progress in the area of Software Engineering.

## EDUCATION

*University*
- Currently, Reading for Bachelor Science of Engineering Computer Science and Engineering Degree, Department of Comp. Sci. Eng., University of Moratuwa.

*Other*
- Completed Sun Certified Java Programmer exam for the JAVA platform Standard Edition 6 in 2009 with the score of 79%.

## AWARDS AND HONOURS

*University*
- Was placed in the Dean's List at University of Moratuwa in level1 semester1, obtaining a GPA of 3.80.
- World Rank #211 at the IEEEXTREME Programming Competition 4.0 conducted by IEEE.
- Won the 2nd place at the Computer Science and Engineering Formula CSE car competition.

*School*
- Was awarded the General Proficiency for the prize Day -2005 considering both my academic and extracurricular achievements at Colombo Hindu College.

## PERSONAL EXPERIENCES

- *Internship*
  - Industrial training at IFS R & D Limited as a trainee Software Developer for a six month period (Feb – July 2010).
  - Developed two modules for IFS Applications. [NetBeans, Java, XML, XSLT].
    - Report Designer module – design the report using XSLT and preview it using XML data.
    - PDF printer driver – provides no of copy, duplex, printer try options.

- *CS4200 Project*
  - Currently working on a final year project, Face Age Progression System which progress the given face image with age variation.
  - The given 2D face image mapped to a 3D using the extracting 2D face facial features.
  - The progressions will be carried out on 3D model by analyzing the existing face database.

- *CS3200 Project*
  - Developed a plugin for WordPress CMS that applies the MPTT (Modified Preorder Tree Traversal) technique to improve their database storing mechanism.
  - Also this technique provides a fastest way to display the website contents. [PHP, MySQL]

- *Concurrent project*
  - Developed a module using Intel Thread Building Block to apply multi-threading pattern in codes.
  - It allows utilizing the performance of multi core processor and gives best response time and throughput.

- *Database Application*
  As a five members of a team, developed a database application that keeps track of all activities, sponsorship details of the event conducted by CSE department annually.[PHP, MySQL]

- *Formula CSE*
  - As a group of five members developed a remote car controlled by computer keyboard for CSE remote car competition.
  - Developed PIC program to control the car movement and user interface to provide a communication between computer port and car's PIC.

- **Other Projects**
  - Developed "OOPCalc" project which provide CLI and GUI based calculator. The project required me to fulfill Object oriented Concept using Java technology.[Java]
  - **Search engine** – Developed a search engine algorithm to search words inside a directory which has many text (.txt) files.[Java]
  - Developed a Plug-in for Cytoscape (Complex Network Analysis tool) that find the degree distribution of given network.

- **Mentoring program**
  - As a mentee completed mentoring program with mentor Mr. Indaka Raigama, General Manager, Navantis Inc., South Asia.
  - Developed my communication, presentation, leadership skills during the program.

## KEY SKILLS

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| Language | Java, VB, C, PHP, MySQL, HTML,XML, C# |
| IDEs | Net Beans, MS Visual Studio, Macromedia Dreamweaver, Eclipse, Intellij IDEA |

## REFEREES

Mrs. Vishaka Nanayakkara
Head,
Dept. of Computer Science & Engineering,
University of Moratuwa,
Sri Lanka.
Tel(office): +94112650475
Tel(mobile): +94712778931
Email: vishaka@cse.mrt.ac.lk

Mr. C.D.C.V. Amarasekara
Lead Software Engineer,
IFS R & D Limited,
501, Galle Road,
Colombo 06.
Tel(office): +94112364400
Tel(mobile): +94773542583
Email: chanaka.amarasekara@ifsworld.com