

CHANAKA INDRAJITH DHARMARATHNA

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PROFILE

An active engineer with knowledge of Computer software, hardware and data communication, who is looking for gathering more knowledge and experience in IT industry, while giving the maximum contribution for the organization, as a software engineer as well as a good human in order to achieve their goals.

PROJECTS

- **AKURA – School Management System**

Manage daily activities of a school from attendance recording, tracking student academic, co-curricular, religious activities and report generation etc.

Technologies: Java, Spring MVC, Spring Security, JSP, Hibernate, MySQL, Ant

- **WSO2 Connector Development**

Implement connectors for WSO2 ESB. Ex: LinkedIn, PayPal, AmazonS3, Google Drive etc.

Technologies: WSO2 ESB server, Synapse, XML, XPATH, SOAP, REST, Java

- **Google Summer of Code 2012 – Refactoring: Displaying query results**

Project includes, refactor several files in phpMyAdmin code base, and implement some feature requests

Technologies: PHP, Git, phpMyAdmin, MySQL

- **Personalized Speech to Text Conversion for Mobile Devices**

Research on personalizing a mobile application for the user by using machine learning and data mining technologies

Technologies: Android SDK, Android NDK, CMU Sphinx

- **Research on Internationalization ability of OrangeHRM open source product for Afghanistan**

Research on localization ability of the PIM module of OrangeHRM open source product to Afghanistan with supporting RTL UIs, Jalali date formats, Afghan numerals and characters

Technologies: HTML, CSS, JQuery, PHP, Doctrine, symfony, SVN

- **Portable Temperature Sensing Device**

Device with ability to store set of temperature values at pre defined time frames

Technologies: mickroC, Assembly, Serial Communication

WORK EXPERIENCE

Virtusa (Pvt.) Ltd.

Software Engineer

25th June 2012 to present

Projects: ÀKURA, ÀKURA Mobile Application, WSO2 Connector Development

phpMyAdmin Organization

Developer

17th September 2012 to present

Projects: phpMyAdmin, Code Refactoring Project

OrangeHRM Inc.

Trainee Software Engineer

30th May 2011 to 4th November 2011

Projects: OrangeHRM, Afghan Research Project, OrangePM

TECHNOLOGY AWARENESS

- Spring MVC, symfony
- HTML, XML, XPATH, YAML, CSS
- JavaScript, JQuery, Ajax
- Hibernate, Doctrine
- MySQL Database
- SVN, Git
- WAMP/LAMP web development
- WSO2 ESB connector development
- SOAP, REST web services
- JSP, JSTL, J2SE, JUnit
- PHP, PHPUnit
- Titanium, Android, J2ME
- C, Shell Scripting
- Assembly, mickroC
- Eclips, Netbeans, Visual Studio development environment

EDUCATIONAL QUALIFICATIONS

BSc. Eng. (Hons.) – Computer Engineering

University of Peradeniya (2008 June – 2012 June)

G.C.E. (A/L) Examination in 2007

1A, 2B's, Z score – 1.9540

G.C.E. (O/L) Examination in 2004

6A's, 1B & 1C

EXTRA CURRICULAR ACTIVITIES

- Engineering Students' Union Representative of E/07 Batch in 2009/2010 Academic Year
- Member of University Explorers' Club
- Member of University Football team
- Member of School Science Society
- Member of School Chess team
- Member of School Football team

ACHIEVEMENTS & AWARDS

- Google Summer of Code 2012 program successful participant
- University Colors holder (for Football)

PERSONAL DETAILS

- School : Royal Central College, Polonnaruwa
- Gender : Male
- Nationality : Sri Lankan
- NIC No : 883031253V

REFEREES

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I hereby certify that the above particulars furnished by me are true and accurate to the best of my knowledge.

K P C I Dharmarathna

Date : 29/01/2014