DEVA THANTHRIGE NELKA INOSHINI PERERA

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PERSONAL INFORMATION

Age   : 24 years
Gender   : Female
Civil Status   : Single
Nationality   : Sri Lankan

CARREER OBJECTIVE

Dedicate my IT competence to a software engineering position that demands proficiency in modern development technologies and thorough understanding of design concepts.

CORE SKILLS

- Ability to visualize business problems and offer well designed maintainable solutions.
- Capability to deep understanding of core computer science concepts.
- Fast learner and capability of transferring knowledge to others.
- Ability to grasp new technologies and methodologies as required.
- Good team player.

TECHNICAL SKILLS

- Good knowledge in Java, J2EE and Struts-2 framework.
- Good knowledge of software development life cycle and OOP concepts.
- Sound knowledge in C, C++, HTML, XML, Python and JavaScript.
- Capable of working with MySQL, SQL server and Sage software tools.
- Ability to work with web servers such as Apache Tomcat server, JBOSS server and IDEs such as NetBeans 7.0.1, Eclipse and Visual Studio 2008.
- Ability to work in both Linux (CentOS, Ubuntu) and Microsoft (XP, Vista, Windows7) Platforms.
- Sound knowledge in Joomla, Drupal and Moodle CMSs.
- Worked on WAMP, XAMPP and LAMP server.

WORK EXPERIENCE

- 10 months internship at PricewaterhouseCoopers Lanka (Pvt.) Ltd. (PwCL)
    - PwCL is the Technology Advisory arm of PwC in Sri Lanka and employs over 30 professionals. Embedded System/Software Development, Web development are several services that it provides to its clients.
    - Worked as a **Trainee Software Engineer**
    - I have involved in several software development projects using **Java** and **Struts-2** framework with SQL server 2008.

RESEARCH EXPERIENCE

- 4th year individual research project: **"Dynamic Access Control Mechanism for Shared Wireless Sensor Networks"**
    - An access controlling mechanism for shared wireless sensor networks which enables only authorized users to obtain data from the network only in accessible time durations for those data.
    - Implemented in **C** on **'TikiriDB'** using **'Contiki'** development environment and **"Cooja"** simulator.

PROJECT EXPERIENCE

- Developed an **"eLab System"** for National Hospital Colombo, which integrates hospital laboratories and medical wards in the hospital as the third year group project.
    - Using – J2EE, HTML, JSP, Java Script, MySQL 5 database server, Eclipse(Helios) with Apache Tomcat server
- Developed an Automated System for Quintet Solutions (Pvt) Ltd as the Rapid Application Development group project.
    - Used – PHP, HTML and joomla CMS
- Implemented a software system with interactive GUI which calculates and plots the graphs to any given algebraic and transcendental (trigonometric and exponential only) equation as the group project of Numerical Computing.
    - Used – Python, Sage mathematical library

ACADEMIC QUALIFICATIONS

- **University of Colombo School of Computing : BSc (Computer Science)**
                    4 year degree (2009 – 2013)

- **Taxila Central College : GCE Advanced Level Examination – 2008**
  Physics - A   Chemistry - B   Combined Mathematics - C

- **Dharmasena Attygalle Balika Vidyalaya : GCE O/L Examination – 2005**
  9 "A" passes include Mathematics and Science and one "C" pass for English Literature.

EXTRA CURRICULAR ACTIVITIES

As an Undergraduate

- Active member of the Computer Science Society (CompSoc) in University of Colombo.
- Student member of IEEE and actively participated to the IEEEXtreme 5.0, 24 hours coding competition in 2011 (Country rank: 109, University rank: 7).
- Followed an online database course which is called "Introduction to Databases" offered by Stanford University (October 10 – December 12, 2011) and has successfully completed.
- Worked for ifo++ 2010 exhibition by UCSC (Responsible for "Education Zone" in ifo++).

As a School Student

- Active member of the Senior Science Society and Buddhist Society of Taxila Central College (2006 - 2008).
- Competed for many inter school and national competitions (both English and Sinhala medium) and achieved awards for 1st and 2nd places.
- Junior Prefect of Dharmasena Attygalle Balika Vidyalaya in 2003.
- Actively Participated for group projects in the School and worked as a leader.

NON RELATED REFEREES

Dr. (Mrs.) J. S. Goonetillake

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DECLARATION

I hereby certify that the above mentioned details furnished by me are true and correct to the best of my knowledge.

D. T. N. I. Perera
Date: 15th September 2013