Sandy Hofman Aruan

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Profile

A hardworking web programmer with **nearly 2 years of experience** in IT industry. proficient in system design and development, specializing in **web development** and **database engineering**. Enriched with business and management understanding.

Past Projects

Jul 2004 – Now   **Master of Business and Information Technology in University of Melbourne**

Area of study:
- Understanding the many aspect of System Development Life Cycle include project management, risk management, change management, cost management.
- Enhancing my skill in design phase, creating effective business case, system design, interface design, control procedures
- Understanding the strategic perspective of IT projects, aligning it with business strategies, formulating strategies for IT implementation.

Feb 2005 – Now   **Part-time Web Programmer**
Bay Business Group
Melbourne, Australia

Job desc:
- Maintained and developed company database and website http://www.valuinvesting.com. The website monitored Australian Stock Exchange (ASX) data.

Achievement:
- Developed online charts to graphically display ASX data and analysis
- Enhanced existing interactive data retriever in the website
- Developed database management function

Tools:
- ASP, DHTML, CSS, Microsoft Access 2000, IIS 5

Feb 2003 – May 2004   **Web Programmer** assigned to PT Halliburton Indonesia
                        Supraco Oil Indonesia
                        Jakarta, Indonesia

    Job desc:
- Maintained company database and intranet website.
- Developed online application (OA).

    Achievement:
- Designed and developed shipping order OA across the Asia-Pacific
- Designed and developed Office Facility Reservation OA in Indonesia
- Designed and developed employee travel tracking OA in Indonesia
- Designed and developed employee personnel database in Indonesia
- Develop company online newsletter and website
- Designed and developed minor OA for company departments

    Tools:
- ASP, DHTML, Javascript, CSS, Microsoft SQL Server 2000, IIS 5

Jul 2002 – Oct 2002   **Full-time intern**
                        Halliburton Indonesia
                        Jakarta, Indonesia

    Job desc and achievement:
- Developed shipping order OA in Indonesia

    Tools:
- ASP, DHTML, Javascript, CSS, Microsoft SQL 2000, IIS 5

Mar 2001 – Dec 2001   **Part-time contract Programmer**
                        inTouch Wireless Services
                        Jakarta, Indonesia

    Job desc:
- Developed embedded system for mobile devices

    Achievement:
- Developed online stock exchange price monitoring program for Nokia 9210
- Developed interactive display program for Nokia 9210

    Tools:
- Embedded system: J2ME, Symbian SDK, Microsoft SQL Server 2000
- Website: ASP, DHTML, Javascript, CSS, Microsoft SQL Server 2000, IIS 5

Educational Background

Postgraduate Student for **Master of Business and IT**
University of Melbourne, Jul 2004 – Dec 2005

Bachelor of Computer Science
University of Indonesia, Aug 1998 – Feb 2003
Final Year Student Project: X-MECH interface design and development

Skills

Personal skills	- Hardworking - Strong analytical and problem solving skills - Good command of English - Fast and self learner - Adapt to most situation quickly - Team working - Presentation skill
Conceptual skills	- Database design (ERD) - System design (DFD, SFC, Control Matrix) - Interface design (Task Analysis, Mental Model) - Object Oriented Programming (UML)
Programming skills	- Web programming: ASP, JSP, PHP, DHTML, Flash, XML, CSS - Java programming: J2SE,J2EE, J2ME - Other: Visual C++, VB
Database skills	- Microsoft SQL Server 2000 - Microsoft Access 2000 - MySQL 4.0
Other skills	- Microsoft Windows 2000 - Microsoft IIS 5 - Adobe Photoshop 7 - Allaire Homesite 4.5
Management skills	- Project Management (e.g. Work breakdown Structure) - Strategy (e.g. Porter's five forces, value chain) - Change Management (e.g. Culture, Employee buy in)

Objective

I dedicate myself for the sake of IT development. I am eager to learn many things and grab the idea behind it. Hopefully, I can also develop my business and management skill so that I am not only just developing IT but also making it useful for human kind.

Interest

I aspire myself to broaden my knowledge especially in this area:
- Software Engineering
- Web Development
- System Analysis
- Project Management
- Change Management
- Business Understanding

Organizational Experience

- Member of student committee in High School and University
- Choir coordinator in Church
- Event Organizer for several events in High School, University and Church

Other Description

        Date of birth : 02 March 1980
        Gender   : Male
        Nationality   : Indonesia

Other than specific IT Topics, generally I love sports and books. I play basketball, football, and tennis and eager to learn other sports. I also have interests in studying the history of world. I spend most of my spare time for sport, books or just sing.

Portfolio

- www.valuinvesting.com.au
- http://sandygarink.tripod.com

Examples of website design

▪ Project at www.valuinvesting.com.au. Graph rendering for Australia Stock Exchange. Visualise history tracking and analysis to stock exchange data.

- Student Project at University of Melbourne. Designed for a child care centre website. This is a menu screen example.

- This is a data-entry screen example

- Student Project at University of Melbourne. Designed for Teaching and Learning Unit Student Portal

- Project at HKBP Kebayoran Baru (Church Kebayoran Baru – Indonesia). Menu screen. (The menu pops up when the icon is clicked)