## Sandy Hofman Aruan 568/488 Swanston Street, Carlton, VIC 3053 mobile: 0432 025 976

sandygarink@yahoo.com

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

# 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 1980Gender: MaleNationality: 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

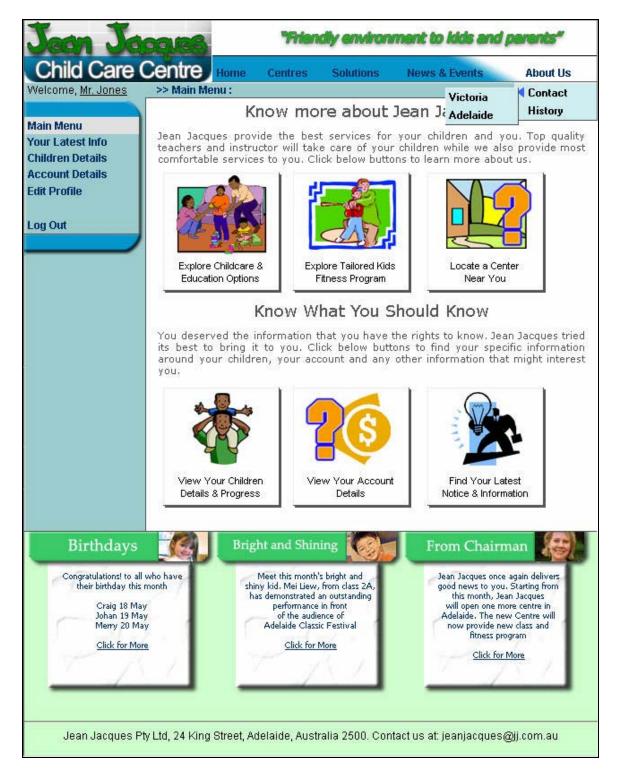
- www.valuinvesting.com.au
- <u>http://sandygarink.tripod.com</u>

## Examples of website design

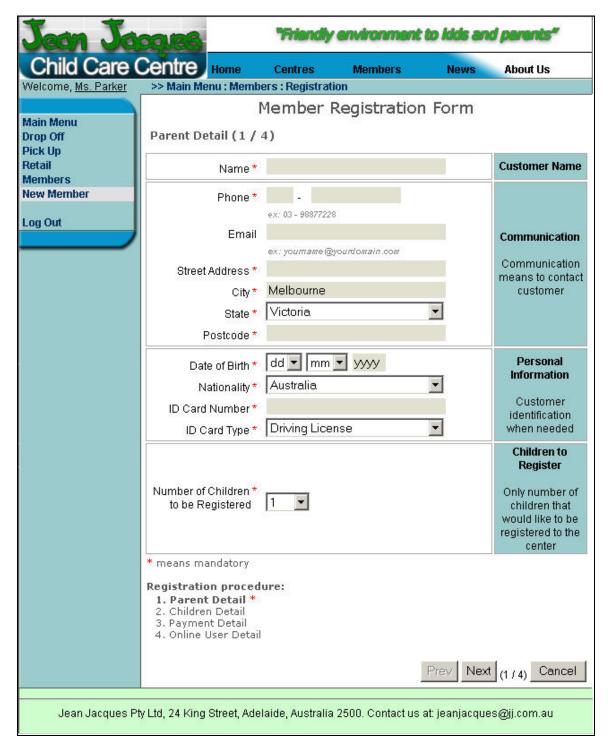
Project at <u>www.valuinvesting.com.au</u>. Graph rendering for Australia Stock Exchange. Visualise history tracking and analysis to stock exchange data.

|  | Independent Value Added Information |   |  |   |                      |  |  |  |  |  |  |  |
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 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

| Uni Links: University Hon  | nepage 🔽 Go  |                          |             | Uni Search: <mark>Univ</mark>  | ersity site search                    | Search        |
|--|--|--------------------------|-------------|--|---------------------------------------|---------------|
| Faculty of Economics &<br>Teaching and<br>The UNIVERSITY OF<br>MELBOURNE   |  | t                        |             |  |                                       | 3             |
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| -  |  |                          |             | Language Learning Exchange<br>University Web mail  | Calendar<br>What's On<br>Consultation |               |
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| Mornington Peninsula Trip  | Events   | ****                     | 2 % =       | Contact Us   | Log Out                               |               |
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| Assignment Writing   | the state st | Anna Jones's review      |             | Research revealed that 50% of<br>international students have proble<br>their assignments | ems in                                | 20 Oct 05     |
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| Thesis Writing Guide   | Anna Jones'  | s review                 | 0 %         | A Report from Mornington Penin   |                                       | 8 Oct 05      |
| Research Confirmation Process  |  | Martin Davies's review   |             | The New Language Exchange Pro<br>has been launched                                       | ogram                                 | 1 Oct 05      |
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| Date Created: June 2004<br>Last Modified: 21 October 2005 11:46:11<br>Authorised By: Assoc. Prof. Carol Johnston, TLU<br>Maintainer: Jennifer Shaw, TLU<br>Email: tlu-web@unimelb.edu.au |  |                          |             | The University of Mell<br>CRICOS Provider Number:  | 00116K ( More i                       |               |

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

