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Sandor Agafonoff

Objective A position in software engineering which allows me to be creative, have input, and either oversee or be a part of the end to end delivery process.

Work experience *2011 April – Present*
Owner / Freelancer
Eleven11 Solutions – MEAN, PHP/MySQL, Java

- I decided to start my own business in 2011, I had an idea that software and software projects could be delivered differently. Focusing on the humans who would be using the software at the core of the process.
- I delivered projects in a variety of technology stacks, from in house server builds to cloud deployments on Google Compute Engine.
- I worked across a range of industries, from Mining, HR + Training, Commercial and Industrial Retail/Wholesale as well as the construction industry.
- I worked with all types of business from start-ups and small business through to enterprises, while always finding it was about the people rather than the product.
- I gained not only the experience, but the confidence to lead a team, not only of internal staff, but multiple stakeholder groups both inside and outside of an organisation.

2010 January – 2011 April

Scenic Tours

Software Developer – C#, SQL Server 2008, jQuery, HTML/CSS

- While at Scenic tours I was responsible for working on their reservation system application which was a Web based C#.Net codebase using Visual Studio as an IDE. We also used jQuery on the frontend with HTML/CSS obviously being necessary for any web based application.
- I also built a CRM (Customer Relationship Management) system using a previous attempt at an application as a starting point. The system was able to process up to 400,000 customer records in a live view and could filter according to a mixture of approx. 50 different criteria to produce marketing lists as per the requirements of the marketing and sales teams.

2009 September – 2009 December

Oakton

Consultant / Software Engineer– Java

- During my contract I was responsible for working as part of a team which loaded Oracle forms into the Java based application for APRA (Australian Prudential Regulation Authority) respondents to input their financial data to be processed according to legislation requirements.

2007 January – 2009 June

Unisys

Software Development – Java, J2SE, J2EE, Web Development

- During my contract I was responsible for the development and maintenance of 2 Web Based components built for interacting with and monitoring OMSE. The Web Components incorporated the following technologies: JSP / Servlets / JSTL / XHTML / CSS / JavaScript / AJAX
- Web components ran on a Tomcat 5 platform
- OMSE core is a multi-threaded application which can handle 300+ transactions per second. Depending on the size of the OMSE configuration it is possible to have 1000+ threads running concurrently.
- OMSE configuration information is validated and stored in a MSSQL Server, Derby or Oracle database. An online configuration replacement is also available which allows connections to be added, removed or modified without affecting the running environment.

2007 January

Intradata

Application Development

- Using C#.Net
- Web Applications, Web Services, Web Controls
- Small amount of exposure to VSS

2005 - 2007

Newcastle Infotech

Web Development

- Backend programming (C#), Web Design implementation (HTML/JavaScript/CSS), database development (SQL)
- C# projects use Visual Studio 2005 as an IDE.
- C#, XHTML/HTML, JavaScript, CSS, PHP
- Maintained Multiple domains for East Coast Audio Visual

2006

University of Newcastle

Volunteer Help Desk Worker

- Minor teaching role in subjects I had achieved a good understanding of.
- Provided students with assistance in general course work, assignments and projects.
- Java Programming, Internet Communication, Software Development

2002

Global Advertising, Newcastle NSW

Independent Contractor

- Tasks involved; selling door to door contracts for AAPT (local calls /long distance calls / mobile phones).

2002

Liquid Composites Australia

Webpage Designer (<http://www.licotec.info>)

- Design and maintenance of company webpage.

1999 – 2001

The Wall Indoor Climbing Gym, Newcastle NSW

Manager

- Tasks involved; climbing instructor, staff management/roster, resource management, staff training, promotions, school group instruction, children's birthday parties, competition organisation.

2000

Forum Sports and Aquatic Centre

Climb Setter

- Task involved; setting climbs in the climbing wall, cleaning holds, coordinated by manager at the time Melanie Plant

1995 – 1999

The Wall Indoor Climbing Gym, Newcastle NSW

Climbing Instructor

- Tasks involved; instructing customers in safety practices (belay training), group instruction, climb setting and general maintenance.

Interests and
activities

Music, Sport, Outdoor Activities

Education

1999

Macquarie College, NSW, Australia

Completed HSC

2003 – 2006

University of Newcastle, NSW, Australia

B. Information Science (*Software Development*)

Year 1

Exposure to Java (Basics and Data Structures) and XML.

Year 2

Exposure to JSP/Servlets/Tomcat and the .NET environment. Also developed skills using UML. And learnt about software standards e.g. IEEE.

SENG2050 – Web Engineering, Complete web based project using Java Beans/JSP/Oracle/XML/XSL/XSLT.

SENG2130 – Software Development, Completed project following SDLC in Java/JSP also used JDBC with Oracle Database.

Year 3

Further developed skills using Java, developed skills using design patterns. Exposure to TCP/IP and Java Socket programming.

SENG3280 – Computer Networks, learnt about low level communication protocols, learnt about programming Java sockets.

SENG3120 – Object-Oriented Software Engineering, completed Parking Control system project in Java which included a web component, TCP/IP communication and processing sub-systems.

Academic Achievements

2005, Placed on Faculty of Science and IT commendation list for students who maintain a D average over the whole year completing a minimum of 4 subjects. I completed 9 subjects over the year.

2006, Winner of SENG3120 Object Oriented Software competition.

Technologies

I am proficient with the following technologies:

- MEAN (Mongo, Express, Angular, Node)
- JavaScript
- HTML
- CSS
- LAMP/WAMP (Linux/Windows, Apache, MySQL, PHP)
- Java (J2SE/J2EE)
- C#.NET
- Microsoft Visual Studio 2003/2005/2010
- AJAX
- C++
- J#.NET

- VB.Net
- Java Server Pages (.jsp)
- ASP.Net (Active Server Pages, .asp, .aspx)
- XML
- Networks (LAN, TCP/IP, EMTX, X.25, MATIP)
- Client-Server Applications
- SQL
- Oracle
- MS SQL Server
- Microsoft Office Products

Accreditations and licenses

- ACGA (Australian Climbing Gyms Association) Belay Instructor
- Impact Sales Training Course (Memberships)

References

- Mr. Joel Goodsir, 0404 876 877
- Mr. Paul Legge, 0409 225 355
- Mr. Ryan Simmons, 0438 521 260