

Alex Seymour

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Over 10 years of broad range experience in software development

Website Portfolio: www.ugenda.com
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LANGUAGES

PHP	JavaScript	Visual BASIC	Visual C++	.NET	Flash	ADA	SPARK Ada
MySQL	PostGreSQL	SQL	HTML	XML	ASP	Assembler (68000)	C

PACKAGES

Visual Studio, Visual Test, Adobe Photoshop, Illustrator, Premier, InDesign and Encore, Dreamweaver, Eclipse, PVCS, SPARK Examiner, MS-Office (Word, Excel), Boundschecker, ADATest, Knowledgeworks (Artificial Intelligence)

OBJECTIVE

I am used to working under the pressures of tight deadlines and limited budgets. With over 10 years of experience in the financial and military business environment, I am used to producing software to the highest standards of both security and operational reliability.

BUSINESS EXPERIENCE

Freelance Contracting - Clients

Toronto, Canada

Royal Canin (Guelph) - (Jan 2009 – present)

- Developed a desktop and online application for veterinary practices to calculate feeding schedules based on the animal's size, age and medical condition with mathematical data and formulas from veterinary dieticians. The tool recommends various diets, can be updated via the web and was rolled out to 10,000 veterinary practices across Canada.
- Wrote the company's coding standards for PHP and web development.

Insiteful Solutions (Toronto) (Aug 2008 – present)

- Worked on various projects developing web based solutions for their client's requirements using PHP, MySQL and JavaScript.

Who Is NOBODY? (Toronto) (Aug 2008 – present)

- Website maintenance ranging from general updates to creating Flash scripts, animations and voice overs.
- Edited and produced a DVD documentary, email newsletter campaign and the graphic designs used on the company literature and manuals.

MasterCard International (London, UK & Toronto, Canada) 47-53 Cannon Street, London, EC4M 5SH

October 2000 — August 2008

I gained extensive technical knowledge (in the Card Payments market) after having worked on large scale developments and maintenance of, MasterCard's back office systems. I have excellent experience in a variety of languages and tools while developing projects both internal and customer facing.

June 2004 to August 2008: Back Office Development

- Developed, tested and maintained smart card applications and various utilities related to EMV (Chip) Cards, for example the current contactless payment method, PayPass (presently found at Tim Hortons etc..!)
- Developed demonstrations for various trade shows (e.g. Cartes) and other events to showcase the use of smart cards and pilot projects, particularly where new technology is used.

October 2000 to June 2004: Certification Authority

- MasterCard utilises sophisticated public key cryptography to protect the electronic value for banks, retailers and consumers. My job was to maintain and upgrade the software required for producing digital certificates on the smart cards. This involves building and releasing new versions of the software, upgrading and maintaining system databases and documentation as well as designing and testing software within each release.

British Aerospace, Land and Sea Systems (London, UK) Apex Tower, New Malden, Surrey KT3 4LH

August 1996 — October 2000

During my time at BAe I have worked on the display software for the Surface Ship Command System (SSCS) in a number of roles. SSCS is a large, real-time, embedded system, developed in ADA using JSD on an Intel-heterogeneous environment. The system is a multi-threaded, client-server architecture supported by an in-house Network Operating System. The display software is used on the Royal Navy Type 23 Frigate and the Korean Navy KDX Destroyer.

November 1999 to October 2000: Software Support, SSCS

- In this role I was responsible for providing support for the delivered software which the SSCS team completed in November. This required suggesting and budgeting fixes to problems that arose from the system being used, as well as developing and testing additional software for upgrading the current version.

March 1998 to November 1999: Senior Analyst, SSCS

- In this role I was primarily responsible for supporting the close down activity leading to final customer acceptance of the system. This involved assessing customer reports to determine whether corrective action was required. In such cases I was responsible for specifying the change, costing and planning the change in consultation with management. A key facet of this role was the formal demonstration and acceptance trials with the customer, which as the senior analyst it was my responsibility to manage.

January 1997 to March 1998: Analyst Programmer, SSCS

- In this role I was responsible for the specification of display software. This involved cost estimation and planning of activities, as well as design, code, test and integration of the software. In this role I was responsible for tasking a recent joiner, coaching him and ensuring all work met the appropriate standards.

August 1996 to January 1997: Programmer, SSCS

- I joined the Tactical Display's Team as a graduate programmer responsible for the code and test of display software to given specifications. I was responsible for ensuring all software was configured and met the appropriate company standards.

EDUCATION

University Of Manchester - BSc (Hons) Computer Science (2-1) Manchester, England

1993 - 1996 Final year project: Developed a message management system for use within the Royal Navy (Visual C++).

SEEVIC (South East Essex Vllth College), Essex, England

1990- 1992 3 A-Levels (Maths, Physics, Geography)