

DAN MCGARRY

Professional and Technical Skills

Advocacy/Community Development/Capacity Building

- Building and fostering communities of practice; melding traditional and modern concepts & technologies to supplement and facilitate human networking.
- Media relations and advocacy, including television, radio and print interviews in French, English and Bislama with local, national and international media in Canada and abroad.
- I was a founding member and interim Secretary of the Vanuatu IT Users Society.
- I wrote regular IT-related columns for both the Vanuatu Independent and Vanuatu Daily Post newspapers and continue to publish regularly online.

Management

- Analysis and development of technical strategies for education, civil society, public and private sector clients.
- Team building, including determining project needs, interviewing and hiring, staff discipline and management. Time and resource management, budgeting, reporting.
- Bottom-line responsibility for multiple concurrent development and consulting projects for private and public sector clients.

Technical Competence

- Technical research, analysis and advice, with particular emphasis on the interactions between ICTs and socio-economic factors in a development context.
- Systems integration and administration in areas with unique – and often minimal – infrastructural capacity. Fault tolerance, security and maintenance process design for extreme conditions.
- Deep familiarity with Internet-related technologies, including network protocols and core Internet standards.
- HTML/XML-based markup languages, Web interfaces, client- and server-side scripting. Custom-built search and navigation interfaces. Information management and search technologies, in Perl and C programming languages.
- Unix/Linux & Windows server configuration and management in low-, mid- and high-volume scenarios.
- Full life cycle involvement with application & systems development on Windows and Linux/Unix platforms, including analysis, design specification, resource planning and budgeting, implementation, testing, deployment and support.

Personal Information

Date of Birth: March 5, 1964
Address: Freswota 3
Port Vila
Vanuatu
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I am a Canadian citizen currently living in Vanuatu. I enjoy photography, sports and literature. I am a compulsive and omnivorous learner.

I operate the following websites under the *nom de plume* of Graham Crumb:

Photography: <http://www.imagicity.com/>
Writing: <http://scriptorum.imagicity.com/>

Education

1989-1993 University of Ottawa

- Dean's Honour List and scholarship for Academic excellence (1990)
- MacDonald Club Scholarship for Excellence in Theatre (1990)
- Joseph-Marie Quirion Fellowship for academic excellence (1991)

Language Skills

Languages spoken fluently: English, French, Bislama
Languages read fluently: English, French, Bislama
Languages written fluently: English, French, Bislama

Professional Experience

Present Pacific Institute of Public Policy

Chief Technologist

Oversight of PiPP's technical strategies and services, IT-related research and publications.

2009-12 Pacific Islands Legal Information Institute

Senior Unix/Linux Systems Administrator

Overall responsibility for planning, maintenance, administration and development of PacLII's technical systems.

2008-09 Private Consultant

I worked with numerous public and private sector entities, providing technical consulting and systems integration services. Clients include:

- People First Network, Vanuatu (Rural/urban communities network)
- University of the South Pacific – Pacific Legal Information Institute
- Office of the Interim Telecommunications Regulator, Vanuatu
- Pacific Institute of Public Policy
- Government of Vanuatu – Aid Coordination & Negotiation Unit, Office of the Prime Minister
- Numerous private sector clients

2006-2008 Computer & Network Services (CNS) Ltd.

Assistant General Manager

Overall responsibility for technical operations of CNS Ltd. in Port Vila, Luganville and throughout the islands of Vanuatu. CNS Ltd. is Vanuatu's largest IT services company. It is 100% ni-Vanuatu owned.

2005-2006 Community Communications Project

IT Consultant

In Partnership with two dynamic local NGOs, build IT capacity in civil society with a number of organisations and communities. Identify and define the most appropriate hardware and software configurations for use in three typical scenarios:

- Municipal centres with mains power, telephone and Internet services;
- Provincial centres with mains power, but limited access to telephone and Internet services;
- Rural locations with no mains power, no Internet services and limited or no telephone service.

Support and develop an IT community of practice, in order to better advocate for sustainable and accessible IT and communications services throughout Vanuatu.

2003 – 2005 Pacific Skills Link Project, FSP Vanuatu

IT Consultant/Trainer

Based in the Foundation for the Peoples of the South Pacific (FSP) Vanuatu, I spent two years building IT capacity in civil society with a number of Vanuatu organisations and communities. Activities include:

- ♣ Designing and implementing 4 community-based Computer Resource Centres. (One in Isangel, on Tanna island, and three in Port Vila, the capital.)
- ♣ Providing apprenticeship training to local youth.
- ♣ Providing direct assistance to NGOs throughout the country, building and supporting sustainable access to Internet and communications technologies.
- ♣ Workshops and practical training nationwide.
- ♣ I remain active in the local IT community, and am serving as the interim secretary of the Vanuatu IT Users Society.

2000 - 2003 Mitel Network Server Solutions Group (formerly e-smith inc.)

Senior Web Applications Engineer

Reporting to the VP Engineering, I was responsible for web-based interface and application development for e-smith/NSSG. Our team used agile, test-based development processes with a six week design-to-deployment interval.

NOTE: All of the applications listed below run on Mitel Network's 6000MAS Linux server. While the product itself is no longer available commercially, the community-based SME Server project lives on. A number of current and former Mitel staff continue to provide development and support resources. SME Server is widely installed and supported in Vanuatu, for example.

Projects included:

NSSG Corporate website

NSSG ServiceLink Partner Zone

- ♣ Running at Mitel's Network Operations Center (NOC), the Partner Zone was designed to provide a carrier-grade, full-featured remote administration interface that allowed ServiceLink subscribers to perform a number of configuration and maintenance tasks. .
- ♣ The Partner Zone was written in Perl and PHP and ran against a MySQL database back-end.

SME Server V5 UI Review/Redesign

In conjunction with Mitel's User Interface Design Group, develop the next-generation interface for the SME Server Manager, a web-based configuration management tool for SME Server V5.

1998-2000 Libraxus, Inc.

Senior Information Systems Analyst

Overall responsibility for Libraxus' technical strategies, and for tactical implementation of business practices. This includes management of Libraxus' projects, infrastructure, research and development.

Libraxus' clients include internationally recognized private and public sector organizations in Canada and the United States.

Projects included:

Management Board Secretariat, Government of Ontario, Canada

- ♣ Consultation with E-Laws Steering Committee concerning business process review, strategic recommendations and implementation of streamlined publication process for all Ontario Statutes and Regulations.
- ♣ Technologies include: InterLeaf, OmniMark, Perl, Folio (Builder, Views, siteDirector), MS Windows NT Server 4, MS IIS, ASP, Access, VB, XML, HTML

House of Commons Publications, Government of Canada

- ♣ Design and production of CD ROMs containing the proceedings of the House of Commons for the 36th Parliament.
- ♣ Technologies include: InterLeaf, HTML, OmniMark, Perl, Folio (Builder, Views, siteDirector).

Nortel Networks

- ♣ Business process and infrastructure analysis, with tactical technical deployment assistance for a 1500+ person business unit within the organization.

International Air Transport Agency

- ♣ Design and implementation of online edition of the Dangerous Goods Regulations manual.

National Research Council

- ♣ Proposed, designed and managed project to transition existing Folio InfoBase content to HTML for distribution on nationwide Intranet.

Uniform Information Services

- ♣ Design, development and deployment of *n*-tier OLAP/OLTP application interacting with BAAN data warehouse, for delivery to nationwide U.S. client base.

1997-1998 Nortel Networks

Senior Developer

Projects Included:

Online Interactive Tutorial for Protel Developer Suite

- ♣ Designed, authored and developed online interactive tutorial. Data was authored and maintained in SGML (DocBook DTD) using Frame+SGML on HP/UX, then programmatically converted to custom-designed, HTML-compatible language format.

Windows Into Nortel Web Site

- Designed and created program registration application that allowed users to Place and track PC orders, and to arrange for their delivery and installation by Nortel support staff.
- Provided data exchange and coordination with MS Exchange roll-out group

1994 – 1997 Nunanet Communications, Ltd.

Manager, Corporate Development

Internet Service Provider

- ♣ Brought commercial Internet access to the Baffin Island region of Nunavut, and established the northernmost Internet Service Provider in the world.
- ♣ Nunanet and its staff were featured or quoted in a number of internationally recognized publications, including Wired magazine (USA), Yomiuri Shimbun (Japan), La Republique (France), The New York Times (USA), as well as on national and regional programs on the CBC Radio network.
- ♣ Provided dial-up access to 700+ private and corporate clients across the Baffin region.

Corporate Network Integration and Support

- ♣ Designed and deployed several small networks (50+ clients) using TCP/IP to connect Mac and PC workstations to network (WinNT) and Internet (FreeBSD) servers.
- ♣ Provided dedicated corporate Internet connectivity to several local institutions.

References

[See Supporting Materials]