

Curriculum Vitae of Nic Gibson

Recent professional experience

Corbas Consulting Ltd

Freelance database and XML consultant, perl programmer and trainer, May 2002–present

Technologies: Perl, mod_perl, postgresSQL, DTD Authoring, XML, XSLT, Maypole, SQL server, MySQL, FreeBSD, Linux

Projects include:

Instructor, Learning Tree International. This an ongoing occasional assignment. I teach Perl programming for this major international training provider.

Textbook conversion project for Hodder Education. I handled the content generation and XML processing for a book to CD conversion project using a combination of Perl and XSLT. I was responsible for ensuring that the documents were successfully converted from text to DocBook XML.

Access management system for Hodder Education. This is a subscription management system written using Perl (mod_perl), Maypole, Template Toolkit and PostgreSQL. This integrates with a custom authentication and authorization module for apache 1.3 I have been acting as architect and lead programmer on both sides of this project.

www.platinummetalsreview.com – a website using Maypole, PostgreSQL and Perl (mod_perl). I have worked as arhitect and lead programmer on this project. Content was created using XML with XSLT conversions. I researched and guided the specification for the XML (using the NLM DTDs)

Database replication implementation (SQL Server 2000) for VPN product marketing site.

Various small websites for individual clients (further information available upon request).

Thales E-Security

Software engineer (Application Service Provision Specialist), September 2002–March 2005

Technologies: XML, embedded C, SDL, technical writing

Employed to join the research team working on the design of next generation cryptographic devices. My role was to define additional application functionality that could be implemented on the cryptographic devices. I researched ad hoc secure networking with a view to implementing self-configuring networks.

The research team was disbanded. After this time I worked on UK government certification of Thales' cryptographic devices and on the FIPS approvals documentation for the same project.

I was also involved in the maintenance and development of the embedded C codebase for the current Thales products.

Open University, Learning & Training Systems

DTD author/XML programmer, March–July 2002

Technologies: XML (DTDs, XSLT, xMeta), Apache Cocoon

Wrote DTDs and implemented an XML/XSLT based document publishing using Apache Cocoon.

Easynet Ltd.

Contract programmer, July–November 2001

Technologies: Perl, Apache, XML, XSLT, Oracle, SOAP, SSL, Solaris

I was employed by Easynet to help implement the interfaces between the British Telecom wholesale telecoms system and the Easynet Operational Support System.

AGENCY.COM (Online Magic)

Senior technical consultant, August 1997–May 2001

Technologies: XML, SQL Server, Oracle, MySQL, Perl, C/C++, Visual Basic, Microsoft IIS, Apache, Solaris, Linux, Windows 2000 Server, Cold Fusion

I was initially responsible for resource and career management of around 15 programmers. After reorganising resource management on a team basis, I moved to develop a team with business intelligence skills within the office. I led this team of (up to) seven for a year. Before leaving AGENCY.COM I was acting as a technical lead on client projects. This work involved systems architecture design, database design and administration, XML implementations and liaison with hosting companies.

During my three and half years at AGENCY.COM I was the primary responsible person for Microsoft SQL Server databases used for website production and for internal use. I acted as SQL Server DBA for the London office for much of this time and was responsible for projects to migrate databases from SQL Server 6.5 to 7 and from 7 to 2000. I also set up SQL Servers and databases in the AGENCY.COM New York office.

I have also been involved in the specification process for major client projects, writing technical documents for clients in areas such as online gambling and game shows.

Clients included: Reuters, British Airways, Camel Trophy, Heineken, British Telecom, Ministry of Sound, The Economist, Channel Four.

VFM (UK) Ltd

Lead developer, September 1996–August 1997

Technologies: Microsoft SQL Server (6.5), Perl, Windows NT Server, Solaris, Cold Fusion

I worked with a small team of programmers and site builders to develop an online stock market trading game. I was responsible for technical specification, database design and project management. I also implemented the database application used to track player portfolios.

Academic background

University of Middlesex

MSc Computer Graphics (not completed due to job offer), 1991–1992

University of London, SOAS

BA Phonetics and Linguistics (2ii), specialising in computational linguistics and formal languages, 1985–1989

Brentwood School

1976–1984

Qualifications:

A Level Maths (B)

A Level Economics (A)

A Level English Literature (E)

Training

2001: Essentials of Project Management (Learning Tree)

1999: Management Skills for Technical Specialists (Learning Tree)

2000: Java/Websphere/JSP (IBM)

2000: Java Programming Language (IBM)

2000: Microsoft OLAP Server Programming with MDX (Microsoft)

References available upon request