

Todd A.W. Bingham

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Web Application Developer

An experienced Web Application Developer; with over 9 years of hands-on experience building database driven web applications. Possessing a solid foundation in software lifecycle methodologies, database design, user requirement definitions, prototyping, user documentation, use-case scenarios, application maintenance and implementation.

Qualifications

Developer and designer of database driven applications. Proven ability with application development, building web applications from the ground up and an overall solid design foundation. Broad-based knowledge of application development tools and languages;

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| Programming Languages | PHP, SQL, ASP, Perl, SQL/PLSQL, AJAX, VBScript, JavaScript, Visual Basic, XHTML, XML, Cascading Style Sheets (CSS), RSS |
| Databases/Database Tools | MySQL, Oracle 8/9i, Interbase 6.0, Firebird, Postgres 8, Microsoft SQL Server 7/2000, Stored Procedures, Entity Relationship Diagrams (ERD)/Entity Relationship Models (ERM) |
| Methodologies/Techniques | System Development Lifecycle, Object Oriented Programming, Accessibility/Standards, User Requirement Definitions, Prototyping, User Documentation, Use-case Scenarios, Application Maintenance and Implementation. |
| Operating Systems | Windows 2000, Windows XP, Linux, Unix |
| Development/Server Tools | Zend Framework, Smarty Templates, CVS, Visual SourceSafe, Visual Studio 6, SVN, Oracle WebDB (portals), Photoshop CS3, Apache 2.0.x, Internet Information Services |
| Project Management Skills | Time Management, Microsoft Project, Documentation and Reporting |

Experienced and familiar, with both large and small-scale business environments. A developed skill set that includes the maintenance, troubleshooting, administration, implementation and use of various programs, applications, software packages, database design tools, operating systems and hardware devices.

Basic Knowledge of French. FSL Certified: Advanced.

Employment History

APR 2006 – Present:

Client Name Kamelio (GoSource), Moncton, NB
Company Business: Application Development

Position: Programmer/Developer

Duties & Responsibilities:

- Developing online marketing tools using PHP, the Zend Framework, Ajax (Dojo toolkit) and Smarty.
- Maintaining and designing the Postgres database backend of the web applications
- Technical documentation and ERD design

Technologies used: The Zend Framework, SQL, PHP 5, AJAX (Dojo), XHTML, Smarty Templates, JavaScript, Apache 2.x, SVN, Postgres 8, SQL stored procedures, Linux, CSS, ERD Design.

NOV 2005 – MAR 2006:

Client Name Menu Tools Inc., Riverview, NB

Company Business: Applications Development and Consulting

Position: Programmer/Developer (contract position)

Duties & Responsibilities:

- Developing an online food services costing tool using PHP, Postgres and Smarty.
- Re-developing the existing UI look and feel of the Menu Tools Application

Technologies used: SQL, PHP 5, AJAX, XHTML, Smarty 2.6.9, JavaScript, W2K/NT/9.x/XP, Apache 2.x, CVS, Postgres 8, SQL stored procedures, Linux, CSS, ERD Design and Photoshop CS.

JUL 2003 – AUG 2005:

Client Name National Research Council of Canada, IIT, e-Learning, Moncton, NB
National Research Council of Canada, CISTI, Fredericton, NB

Company Business: IT Research and Development

Position: Systems Programmer/Analyst (CS2) (full-time contract position)

Duties & Responsibilities:

- Developing a web-based, multi-use project tracking system
- Developing the framework and UI for a web-based educational project and file management tool
- Database design, designing application architecture and application implementation
- Supporting research projects and developing frameworks for projects
- Implementing small and large scale web applications
- Creating technical specification documentation, user documentation, user case studies, project status reports and interface GUI design
- Working with researchers, other developers and other institutions in a formal project setting and on an ad-hoc basis

Technologies used: SQL, PHP, ASP, Perl, SQL/PLSQL, AJAX, VBScript, XHTML, XML, ADO, Visual Studio, JavaScript, W2K/NT/9.x/XP, IIS 6, Apache 2.x, Visual SourceSafe, CVS, Oracle 8/9i, SQL stored procedures, MySQL, Interbase 6.0/Firebird, Unix/Linux, CSS, ERD Design and Photoshop CS.

AUG 1998 – JUN 2003:

Client Name Sobeys Canada Inc., Stellarton, NS

Company Business: Retailer

Position: Intermediate Application Developer/Analyst (full-time permanent position)

Duties & Responsibilities:

- Creating and maintaining a large, dynamic corporate intranet with ASP and Oracle 8i
- Leading small implementation teams as part of the integration and overall maintenance of an Intranet environment
- Creating and designing database driven Active Server Page applications and consumer sites
- Administering and maintaining a MS Win2000 server environment and IIS Network
- Interacting with a variety of users, each with a unique set of needs
- Documenting and researching database migration issues between obsolescing database web applications and web servers
- Web application UI and design

Technologies used: SQL, ASP, Perl, SQL/PLSQL, VBScript, XHTML, ADO, Visual Studio, JavaScript, W2K/NT/9.x/XP, IIS 6, Visual SourceSafe, SQL stored procedures, Unix/Linux/AIX, CSS, ERD Design, Oracle WebDB (Portals) and Photoshop CS.

Educational Qualifications

May/03 **Delphi Training** : Introduction to Borland Delphi 7
Mar/02 **Microsoft Education:** Implementing & Supporting MS Internet Info Services 5.0
Sep/99 **Oracle Education:** PL/SQL Fundamentals with Oracle 8i
Jul/98 **I.T.I. Moncton, NB:** Applied Information Technology Program
Dec/94 **University of Maine, Orono, ME:** Bach. of Science, Education and Secondary Social Sciences (B.Ed.)
May/92 **Dalhousie University, Halifax, NS** Bachelor of Arts, majoring in History, minor in English