

Colin Black

14019 NE 20th Ave. #73
Vancouver, WA 98686
(360) 921-9277
colin@netrous.com

OBJECTIVE A contract position in software engineering and architecture that requires strong initiative and allows for creativity.

TECHNICAL SKILLS

Software development using OO PHP 4/5, Microsoft C#/VB/ASP.NET, Java/JSP, Perl, XML/XSLT, HTML 4.0/XHTML, XUL, CSS, OO JavaScript, ActionScript 2.

Designing and interfacing with Oracle, Microsoft SQL Server, and MySQL databases.

Server administration on Windows NT4/2000/2003, Linux, Mac OS X Server, BSD, and Sun Solaris.

User interface design using Photoshop, Flash, and Illustrator.

CLIENTELE INCLUDE

Virgin Megastores, Magnolia Hi-Fi, Avon, Microsoft, Hewlett-Packard, Intel, Ideas Inc., Dotster, Corrigo, Merchandising Technologies Inc., Sun Biomedical, Betty Rides, Vector Software of America

RELEVANT WORK EXPERIENCE

2003-2006 Software Architect, NetrousOxide, Vancouver, WA.

- Built highly interactive web applications for clients utilizing AJAX to reduce/eliminate page refreshes.
- Developed product information kiosk applications for clients including Magnolia Hi-Fi and Virgin Megastores using the Mozilla engine, XUL, XML/RDF and BASH.
- Updated and maintained a custom deployment of embedded Linux for touch-screen kiosks.
- Implemented and maintained LANs and servers for local businesses including optimization of Exchange and Active Directory installations.
- Developed and deployed diskless Linux nodes for the educational sector.
- Converted paper workflows into rich Internet applications using Flash and SOAP.
- Engineered multi-threaded wrappers in C# and VB.NET to turn legacy Windows applications into XML/SOAP web services and TCP socket services.
- Converted and redesigned legacy customer relations databases in Access, FileMaker, and Excel to MySQL.
- Deployed and maintained several customized e-commerce solutions for various small to medium-sized enterprises.

2004-2005 Web Development Contractor, Aquent / Via Training, Portland, OR.

- Developed and maintained interactive sales training extranets for various Fortune 500 clients including Microsoft, Intel, Avon and HP.
- Designed and engineered various small tools in C#, PERL and BASH to allow business users to maintain Internet/Intranet content without technical expertise.
- Converted many static HTML websites into dynamic template-driven sites, using JSP, C#, PHP and XSLT.
- Used XSLT to transform XML content into XHTML pages on demand.

2000-2003 OSS Developer, New Edge Networks, Vancouver, WA.

- Designed and implemented a new partner extranet with sophisticated user permissions schemes using PHP, XML, and Boolean algebra.
- Worked on a team that developed and deployed a network traffic reporting and management system using PERL and MySQL for a national ATM/DSL network.
- Engineered report-generating applications with graphing capabilities using PERL, GD, and MySQL.

- Built a press release management system using Oracle, PERL, and ASP.
- Assisted in the writing and execution of a test plan for a new order entry system.
- Maintained a set of quality assurance servers based on Windows NT, Sun Solaris and RedHat Linux platforms.

2002 *Volunteer Web Design Instructor, Vancouver School District, WA.*

- Worked with technology instructors to teach students the basics of web development and design.
- Conducted analysis of students' behavior and reaction to the material being presented.

1998-2000 *Web Design Contractor, Educational Service District 112, Vancouver, WA.*

- Worked with district program specialists and students to create a number of educational websites for internal and public use.

1997-1998 *Webmaster, Vector Software of America, Vancouver, WA.*

- Worked with business managers to create and maintain a corporate website which marketed their product line to international semiconductor manufacturers.

References available upon request