

ENRICO BIANCO

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"He excels as a web developer, particularly in areas of standards and accessibility. Enrico's ability to learn new standards, frameworks, and languages is superb. He has excellent team player skills, and can communicate ideas clearly and succinctly. As a pair programmer he is a joy to work with."

Michael Amygdalidis,
former co-worker at Tenthline
(Recommendation at LinkedIn)

Profile

I am a passionate web developer who shines when attacking difficult puzzles using creative problem solving skills. I am resourceful and adaptable, with balanced skills in both web UI and back-end development. I believe in using the best tool for the job; I'm always learning new and better ways to build quality software for my clients and employers.

Skills

Web standards (X)HTML, CSS, Javascript, XML, XSLT, REST

Ruby Ruby on Rails, Capistrano, Phusion Passenger (mod_rails), HAML/SASS, Ruby EE

J2EE Sun Application Server, Tomcat 5/6, JSP, Ant, NetBeans, Eclipse, JUnit, Cobertura

Java Platforms Spring MVC, Spring Web Flow, Hibernate, Sun Identity Manager, Alfresco

Version Control Systems Subversion, Git, Gitis

Database MySQL, Oracle 10g, Sqlite3

Work Experience

Software Developer, Tenthline June 2007 to Present

As a Software Developer at Tenthline, I work directly with Tenthline's clients to provide quality enterprise content & identity management solutions, on time, on budget, and with careful attention to client needs and usability. My projects with Tenthline are primarily based in J2EE technologies but I have recently been working with Ruby on Rails. I independently installed and themed Tenthline's blog (tenthline.com/blog) on the WordPress platform and serve as its main contributor and administrator. I also maintain many of Tenthline's internal systems, including our Apache web server, Jabber (Instant Messaging) server, and the many virtual machines that Tenthline uses for development and testing.

Project Work

New Tenthline.com, Tenthline

- Drafted a completely new design for the site using HTML, CSS, and Photoshop; generated the CSS using Compass and the Blueprint CSS framework.
- Currently implementing a new lightweight web content management system using Ruby on Rails which includes the following features:
 - Create Pages and organize them into a hierarchy. The Pages hierarchy can be manipulated via an AJAX drag-and-drop interface.
 - Store Templates in Liquid Markup and render Pages through a selected Template. Templates can also call on each other and can use the Pages hierarchy in rendering
 - Arbitrary blocks of content can be associated with Pages and handled by Templates
 - Administration through a back-end web UI that employs RESTful authentication with the Authlogic plugin
 - Configurable turn-key deployment with Capistrano with support for multiple stages
- Set up a remote Git repository using Gitis to be able to easily collaborate with co-workers in the implementation.
- Set up deployment to Tenthline's web server using Capistrano and Phusion Passenger.

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Current Tenthline.com, Tenthline

- Converted a template generated by Dreamweaver into standards-compliant HTML and CSS that could easily be used in a Rails application.
- Turned that HTML into ERB views for a Rails application that served as the back-end for managing the content on the site.
- Configured Apache web server with load-balancing to Mongrels for serving the site and its back-end.
- Configured deployment of the site from Alfresco, the open source enterprise content management system.

ICBC.com (Insurance Corporation of British Columbia), Tenthline

- Created and maintained templates written in JSP to retrieve and display content assets from the repository of an enterprise content management platform.
- Designed and implemented from scratch a mechanism for generating and interpreting clean (pretty) URLs through a complicated infrastructure involving a web proxy, a portal server, and the ECM system.
- Determined and implemented a caching strategy, tuning the design of the site templates and the system parameters to meet ICBC's performance criteria.

House Accounting System, Personal

An application my housemate developed to keep track of common house finances. Migrated the authentication to Authlogic and created an RSS feed for individual expense items. Also set up deployment to our Apache web server using Phusion Passenger with Capistrano in a matter of a couple of nights.

Timesheets, Personal

Developed in 1 week for a job interview. Learned to use Rspec, Dataset, and Shoulda for testing during the project. Users can create/edit time sheets, logging hours against activities that are associated with the projects they are working on. Activity types for projects and time entry rows for time sheets can be dynamically added/removed in the form; this is implemented using client-side Javascript.

Hosted on GitHub: github.com/enricob/timesheets

GitPress, Personal

A WordPress plugin that provides a widget for listing a user's GitHub repositories. The plugin can instantiate multiple widgets, each linked to a different user, and use Dr. Nic GitHub badges as well.

Hosted on GitHub: github.com/enricob/gitpress

Education

York University, Toronto, Ontario — Computer Science (minor: Pure Mathematics), 2007

I was also a member of York University's ACM International Collegiate Programming Challenge team from 2004 to 2006, helping the team to solve difficult algorithmic problems to achieve competitive placements in one of the toughest regions in North America. In 2006, we placed 14th out of 116 teams.