

Benedict J. Munat

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Objective

To continually improve my programming and software engineering skills; To work in an invigorating team environment building exciting software with cutting-edge tools and frameworks.

Languages: Ruby, Java, SQL, XML, XHTML, Javascript, CSS, JSP, JSTL, PHP, C/C++

Databases: SQL Server, MySQL, PostgreSQL, Sybase, HSQLDB

Operating Systems: Linux (Gentoo, CentOS, Ubuntu), Mac OS X, Windows

Methodologies: Scrum, Domain-Driven Design, Inversion of Control, Unit Testing

Technologies: Ruby on Rails, REST Web Services, SOAP Web Services, Servlets, Struts, WebWork, Spring Framework, Tomcat, Enterprise Java Beans, JBoss, Cocoon, Apache, Dom4J, iBatis, Hibernate, Ajax, JQuery, XStream, Ant, Maven, UML, Eclipse IDE

Employment History

November 2007 to Present
Kongregate

Developer

Worked on all aspects of high-traffic (8.8 million uniques per month) online games website, using Ruby on Rails, Javascript, Cascading Style Sheets, HTML and ActionScript. Aspects of the application worked on include: internal messaging system, split-testing support, forums, badge quests, etc. Worked on temporary modifications for large ad campaigns including Left 4 Dead 2, Dragon Age Journeys, Toyota Prius, Scion Collabs, etc.

August 2006 to November 2007
ChipIn Inc.

Developer

Worked on rewrite of chipin.com website in Java using AndroMDA, WebWork, Spring, Hibernate, JQuery, etc. from Sept. through end of year. Wrote some WebWork extensions for improved usability. Implemented PayPal party-to-party payments using PayPal IPN.

In January, team switched to Ruby on Rails to create new "Institutional" version of ChipIn, including providing REST web service access to core system. Created "enterprise" architecture with separate applications communicating over REST. Also worked with Drupal PHP CMS for the new chipin.com website, talking to the core Rails application over REST. Used ActiveResource, ActiveWarehouse and other cutting-edge Rails tools in this application. Wrote Rails payment processing application using SOAP web services. Core application has a complex domain model with multiple tree structures. Application deployed in ASP model; required maintaining servers and modifications per client.

July 2004 to August 2006
Beluga Software Cooperative

Developer

Developer and member (co-owner) at cooperative software consulting firm. Started as temp, but was made a member within a year.

Projects:

Hatchery – Technical lead for a Java Web Application to allow Washington State Dept. of Fish and Wildlife Hatcheries to track their fish populations, feeding and treating regimens, and release/return data. Made extensive use of the Spring (including MVC) Framework, iBatis SqlMaps, JSTL, and Acegi Security. DBMS was MS Sql Server.

Totaltime – Key developer for modification of existing Java/Struts/Spring timesheet system to work with state HR/Payroll system. Converted to use MVC portion of Spring Framework; also used iBatis SqlMaps, JSTL, Displaytag and Acegi Security. DBMS was MS Sql Server.

ET Financial - Developer for Java Web Application for a financial services company as part of an online loan-processing application. Used JSP/JSTL, Struts, iBatis SqlMap. Also modified the Acegi Security System to handle hierarchical permissions.

Hatchery – Assisted on a requirements gathering project for the Hatcheries Management project for the Washington State Department of Fish and Wildlife. Met regularly with client to determine best approach to creating a modern hatchery management application. Developed initial architectural concept and prototype code.

SCP – Worked on update to the Washington State Department of Fish and Wildlife's Scientific Collection Permit web application, using JSP, HTML, CSS, Servlets, SQL, and Sybase.

Genetics – Worked as main programmer on a JSP/Servlet and EJB-based web application for Washington State Department of Fish and Wildlife. Responsible for all parts of the application including data access and business logic layers, as well as UI design (HTML/JSP/CSS; also created an MVC request dispatcher system with pluggable Actions and a dynamic Navigation system based on an XML configuration file. UI layer communicates to back-end through EJB session beans.

Education

The Evergreen State College, Olympia, WA – March 2003 – June 2004

Received Bachelor of Science w/ emphasis in Computer Science June 11, 2004.

Projects while in school included:

- Led a three-man team in a full-time, yearlong project to create a self-contained e-commerce web framework. Intended for small businesses, this Servlet-based application featured a server component that dynamically serves all site content (generated using XML libraries) and a client-side UI with which the site owner can enter and edit the site content without knowing any HTML.
- Completed an independent contract on the XML during summer, 2003, for which I developed and followed my own course of study, covering several XML technologies: XSLT, XPath, DOM, etc. Final project involved creating a song database page using the Cocoon XML Publishing Framework.
- Created an email-based article submission system for a South Asian tech news site, which allowed authors to email in their articles. These would be edited by a moderator and then forwarded to another address. A PHP script would then scrape the article from the email and put it in a database. The editor could then log into a web control panel and activate articles to appear on the site.

Hampshire College, Amherst, MA – September 1984 – May 1986

Studied Computer Science and music – was working on a BS degree, which would have given me a computer science foundation with a focus on computer music applications.

Prior/Additional Work History

Have maintained Gentoo linux web/email server for brother's web design business (Munat Inc.) since March 2004: Apache, PHP, Rails, Nginx, Pound, Postfix, Qmail, Courier, Bind, SVN, etc.

Worked in a number of fields prior to returning to school to finish CS degree: fine dining catering and banquets (banquet manager at Atwater's Restaurant and Pazzo Ristorante (Portland)), freelance writing (Willamette Week, Seattle Weekly, PDXS), nightclub booking (Satyricon), on-call camera operator for cable access (TCTV, Olympia and Portland Cable Access), live sound engineer (Satyricon, Concert Sound (PDX), Bellevue Sound (Seattle)) and sound effects editing for a few independent films.