

David Altenburg

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Work Experience

Senior Developer, Backstop Solutions Group, 8/2006-Present

Senior developer in agile-development environment

- Team shared responsibility for all areas of application development
- Application is a web application for hedge funds and funds of funds, used for client relationship management (CRM), investor account management and portfolio management.
- Technologies used included Java (Hibernate, JBoss, Struts, Stripes), Oracle, and Ruby

Senior developer, Business Logic Corporation, 5/2001-8/2006

Development lead on MoneyPools

- A web application for managing investments.
- Built in Ruby on Rails
- Responsible for gathering requirements, project management, bulk of design, coding, and testing.

Development lead on AMA

- Business Logic's core product
- A software suite for retirement advice and managed accounts. Development lead on first release that was put into production and for 3 subsequent releases.
- This product and professional services work for its customization and integration have provided nearly all of Business Logic's revenues for the last 3 years.
- Responsible for gathering requirements, project planning, managing and mentoring developers.
- Technologies used include Java (Servlet, JSP, JDBC), Oracle 9i, Apache Axis (SOAP Engine)

Feature lead on several major AMA Features—responsible for design, development, and documentation of these features, with some management of other developers on them

- XML over HTTP interface for quarterly statements data
- SOAP API to core application functionality
- Task scheduler for batch process to operate on users' retirement accounts on a quarterly basis

- Development lead on Business Logic's Open Financial Exchange (OFX) Server product
- A server to be run at financial institutions to provide connectivity to personal financial applications such as Intuit Quicken or Microsoft Money
- Chair of the Open Financial Exchange (OFX) Architecture Working Group —Worked with key players at financial institutions and software vendors to provide overall direction of the OFX specification

Other responsibilities

- Interviewing and mentoring new hires
- Instructing other developers on various technical topics (e.g., Java threading, design patterns, web services, Ruby on Rails)
- Educating customers on web services to help them integrate our applications

Student Programmer, National Center for Supercomputing Applications (NCSA), 6/1998 - 5/2001

- Developed and maintained database-backed web applications in Perl, ColdFusion, and File-Maker Pro

Education

University of Illinois, Champaign-Urbana, IL. B.S. in Computer Science, 2001

Technical Skills

- Agile development techniques, especially test-driven development and refactoring
- Ruby, Ruby on Rails
- Java (Servlets, JDBC, J2SE, Hibernate, etc.)
- SQL, Oracle PL/SQL
- REST, XML, and WS-* (including SOAP, WSDL, XML Schema, XSLT)
- Mac OS X (especially its Unix aspects), Linux, Windows XP (and prior)
- Various development tools (Test::Unit, JUnit, Gnu Emacs, Subversion, Perforce, Rake, Ant, etc.)
- JavaScript (including Prototype)

- I'm rusty on: Python, Perl, C, C++