

CHRISTOPHER NITCHIE

OBJECTIVE

To work with cutting-edge software development tools and techniques as a senior developer and architect. To have fun building cool stuff with good people.

SKILL OVERVIEW

Languages: Expert: Java, Javascript, Arbortext Command Language (ACL), XML, XSLT, DTD, XML Schema, HTML, CSS. Others: C#, C, C++, PHP, Python, Ruby.

Software: Eclipse, Visual Studio, Documentum, Arbortext Editor/PE, Apache Tomcat, Rational ClearCase, CVS, SVN, GitHub

Tools/APIs: Spring, jQuery, Node.js, Backbone.js, Bootstrap, LESS, RabbitMQ, DOM, SAX, Servlets, JSP, Hibernate (and NHibernate), Apache Solr, JDBC, Google Web Toolkit, GWT-EXT, some SharePoint, others.

Databases: MongoDB, Oracle, MS SQL Server, some MySQL

Operating Systems: Mac OS X, Windows, some Linux and Unix

PROFESSIONAL EXPERIENCE

Side Projects and Miscellaneous

- <http://chris.nitchie.com/trellotrack>
 - Trello reporting tool written entirely in Javascript using jQuery UI.
- <http://timerlicio.us>
 - Simple (still three-quarters baked) timekeeping tool written in Node.js using MongoDB.

2012-Present Oberon Technologies Saline, MI

Lead Program Developer

- Brought on board to lead the fledgling product development efforts.
- Invented, designed, and developed (launching in 2014) HARP (Hosted Assembly, Review, and Publishing), a system for quickly and easily delivering DITA-based documentation to multiple disparate audiences with enhanced capabilities for the end user, including phrase-level feedback and custom publication assembly using vendor-specified DITA building blocks. Built using Spring, MongoDB, RabbitMQ, Apache Solr, Backbone.js, Bootstrap, LESS, and so on.
- Led and completed prototype of IDeA, a system for automatically converting XML-based service documentation into interactive websites.
- Explicitly tasked with internal developer support.
- All employees work remotely, collaborating using TeamViewer, Lync, and phone.

2009-Present Voting member, DITA Standard Technical Committee

- Participate in weekly discussions about the design of future versions of the standard.
- Personally responsible for designing and documenting several new features in DITA 1.3.

2001 - 2012 PTC/Arbortext Ann Arbor, MI

Senior Software Engineer

- Cross-functional team (CFT) lead responsible for DITA features, 2009-2012. Responsibilities included requirements gathering, feature design, lead developer, QA and documentation supervision, and second-level customer support. Implemented in Arbortext Command Language and Java, with much UI design and development and sophisticated content conversion/transformation.
- CFT lead for Dynamic Link Manager features, 2006-2009. Client-server application content linkage gathering, reporting, validating, and publishing. Implemented in Java with a SOAP transport protocol. Data stored in SQL Server or Oracle.
- Worked on a set of SharePoint extensions for managing technical documentation based on product design data. Supplemental data stored in an SQL Server via NHibernate. Implemented in C#.
- Maintained and enhanced a set of Eclipse plug-ins for developing and debugging the Arbortext Command Language.
- CFT Lead, Arbortext Contributor, 2003-2005. Managed the integration of a third-party browser-based XML editor (<http://www.xopus.com>) into the Arbortext server platform. Worked closely with the Xopus team based in the Netherlands, communicating our requirements, testing and integrating new Xopus releases.
- Business Development engineer, 2001-2003. Primarily responsible for developing demo and proof-of-concept integrations between Arbortext products and those of new or potential partners.

2000-2001 GlobalFoodExchange.com Atlanta, GA

Web Developer, Tool Developer

- Dot-Com-boom-era B2B web application facilitating foodservice trading.
- Worked on web application UI design using HTML, CSS, and JavaScript, providing prototypes to the application development team.
- Responsible for all JavaScript in the application.
- Developed Java-based XML import/export tools for business transaction data.

1998-2001 Excelsior Technologies, Inc. Atlanta, GA

Independent Contractor

- Designed and implemented a JSP tag library-based template language, model-view-controller framework and XML-based O/R mapping tool for use in early versions of their ETIMuse portal software. (This was pre-Hibernate, pre-JSTL)
- Performed various graphic design duties, developing website design prototypes, Flash animations, and logos for clients.

1998-1999 University of Michigan Athletics Publications Ann Arbor, MI

Design Intern

- Worked on first-pass designs for covers and layouts for athletic programs such as Women's Soccer, Field Hockey, and Volleyball.

1996 Computer Associates Lilburn, GA

Intern QA Engineer

- Internship with a small development team working on an early release of VirusShield.
- Responsible for executing QA test plans.

EDUCATION

1995 - 1999 University of Michigan

Ann Arbor, MI

Bachelor, General Studies

- Concentrations in Computer Science, English, and Philosophy
- Co-founded Rude Mechanicals theater troupe, directing, producing, and designing for multiple productions (their website bore my original design, for about a decade).