

# Joe Stelmach

joestelmach@gmail.com

728 Willow Ave. 3R, Hoboken, NJ 07030

(856) 904-3276

## OVERVIEW

I'm a software developer specializing in the design and implementation of web-based applications. I enjoy being involved in multiple aspects of development and do not isolate myself to a particular technology or development role. Some specific areas of expertise include:

- **Programming Languages:** Java, Ruby, JavaScript, Objective-C
- **Web Technologies:** Servlets/JSP, JSTL, JAX-RS, Tapestry, Struts, Ruby on Rails, XHTML, CSS, Prototype.js, JSON, DOM, Facebook Connect
- **Language Tools:** ANTLR, Ragel
- **Data Storage:** MySQL, Solr/Lucene, Hibernate
- **Standards & Protocols:** IMAP, POP3, SMTP, LMTP, REST, RFC822, MIME
- **Web Servers:** Jetty, Apache, Nginx, Sinatra
- **Tools:** Maven, Subversion, Git, Junit, Vim, Eclipse

## EXPERIENCE

**Zenbe.com** — New York, NY

*Software Developer*

Feb 2007 to Present

- Architected and built a multi-threaded, Java-based e-mail infrastructure responsible for retrieving, parsing, sanitizing, and storing e-mail messages over POP3, IMAP, and LMTP into a distributed MySQL database and Lucene index.
- Led the development of a JavaScript-based user interface framework enabling seamless and dynamic presentation of back-end JSON data feeds for all of Zenbe's web-based interfaces.
- Developed a domain specific language in ANTLR used to translate user search queries directly to SQL.
- Implemented complex text comparison algorithms enabling the discovery of contextual similarities between related e-mail messages.

**Visiting Nurse Service of New York** — New York, NY

*Software Developer*

May 2004 to Feb 2007

- Implemented web-based Java applications that now play an integral role in the patient assessment and insurance approval processes.
- Built an extensive collection of re-usable front end components to ease the development time of future projects.
- Aided in the adoption of several new technologies including Hibernate, Struts and Ajax by providing information sessions and mentoring.

**NFL Films** — Mt. Laurel, NJ

*Engineer*

Nov 1999 to May 2004

- Implemented a MySQL backed, Java Swing application responsible for managing the equipment inventory and maintenance records of the Engineering department.
- Aided in the integration of broadcast and information systems into their new, state of the art production facility.
- Ensured smooth operation of crucial video transmission systems while working as an on-site engineer at Super Bowl 35, 36, 37, and 38.

**University of Delaware** — Newark, DE

*Teaching Assistant*

Sep 2002 to May 2003

- Assisted in the teaching of senior level software engineering and freshman level C++ courses.

**ON THE SIDE**

**A Hint of Rosemary** — Sewell, NJ

*Site Owner*

May 2006 to Present

- Built a Ruby on Rails based online store at [www.ahintofrosemary.com](http://www.ahintofrosemary.com). Features include an administrative content generation application, payment gateway integration, and real-time UPS shipping cost and delivery time estimates.

**EDUCATION**

**Master of Science, Computer Science**

University of Delaware — Newark, DE

May 2004

**Bachelor of Science, Computer Science**

Rowan University — Glassboro, NJ

May 2002

*Magna Cum Laude*

*Minor in Mathematics*