

Tim Keefer  
Software Engineer  
Resume

## Contact Information

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LinkedIn: <http://www.linkedin.com/in/timkeefe>

## Key Skills

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### Highly experienced with:

- \* Large-scale application development with Perl
- \* Apache, Apache/mod\_perl, FastCGI, CGI
- \* OO Development
- \* Make and Module::Build
- \* Application development using Fedora, RHEL, Debian, Darwin
- \* Perl's Template Toolkit
- \* XML, LibXML, XPath
- \* Application development using PostgreSQL, SQLite, MySQL, Oracle databases
- \* Gantry, Perl Web Application Framework <http://www.usegantry.org>
- \* Bigtop, Code Generation and Regeneration <http://www.usegantry.org/pod/bigtop>

### Proficient with:

- \* JavaScript, Ajax
- \* Development using JQuery, Dojo and YUI JavaScript toolkits
- \* System administration on Debian, Fedora, RHEL, Darwin
- \* Catalyst (Perl web application framework)
- \* Interfacing with other systems using SOAP/REST
- \* Load management using Perlbal
- \* Waterfall, Scrum and Extreme programming development environments
- \* Unit/Regression testing using Test::More, Test::Builder, JMeter
- \* Development using Subversion, Trac
- \* Development using ORM (Object Relational Mapping) DBIx::Class, Class::DBI
- \* Database administration of PostgreSQL
- \* Omnimark, a text processing language

### Familiar with:

- \* Java
- \* Resin 3.0 application server
- \* Django (Python web application framework)
- \* Application development on Windows platforms XP, 2000, 2003
- \* MySQL, Oracle database administration

## Professional Experience

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### Software Engineer

Sunflower Broadband/The World Company  
(Privately Held; 501-1000 employees; Internet industry)  
February 2005 - Present

Designed, implemented and maintained web applications and provided back-end programming for a mid-sized telecommunications (cable, Internet, telephone and news) company.

- \* Built and open-sourced Gantry, the web application framework used to build applications for this company
- \* Built web and cable set-top interface for video on demand content
- \* Built software to support a billing system conversion project, including all software related to customer billing, invoicing and telephony provisioning
- \* Wrote and/or maintained various other business process applications

### Software Engineer

Software consulting and contracting services  
February 2005 - Present

- \* Provided custom, standards-compliant usage statistics and data analysis for online scientific and medical publishers
- \* Developed a figure pre-flight web portal for scientific and medical publishers
- \* Built a social networking site for StasoSphere.com

### Lead Software Engineer

Allen Press, Inc.  
(Privately Held; 201-500 employees; Online Media industry)  
January 1999 - February 2005

Lead programmer in a team of software engineers developing web-based applications for a mid-sized commercial typesetting, printing, and publishing company.

- \* Designed, implemented and supported an enterprise web application, written in Perl, providing an online hosting platform for scientific and medical journals
- \* Created a software system for the collection and organization of abstracts for papers to be presented at society meetings
- \* Built a pre-editing tool for article styling automation (including server-side translation scripts, client administration web interface and a client desktop application)

## Published Works and Community Involvement

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- \* Core developer for Gantry and ACH::Builder on CPAN.  
Gantry: <http://www.usegantry.org>  
CPAN: <http://search.cpan.org/~tkeefe>
- \* Contributor to Bigtop, a code generation application that targets web application construction for Gantry  
<http://search.cpan.org/~philcrow/Bigtop>
- \* Revsys team member for the 2007 Platforms contest in Nuremberg, Germany  
<http://www.plat-forms.org/2007>
- \* Co-author of "Building Applications With Gantry" for Linux Magazine  
<http://www.linux-mag.com/id/3457/>

