

# Resume

Jeremy Wall

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## Personal

### Info

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Born: November 14, 1975

### About Me

I am a self taught coder with a passion for languages and good design. I've been working in the industry for going on 5 years. I've been learning and coding in the open source community for far longer than that though. From hacking personal customizations to Blender from <http://blender.org>, to coding my own website, to writing about various languages and technologies on that site. I've been an active part of the programming community for going on 11 years.

I'm passionate about the tools used in the craft of software development. Build systems, Test frameworks, Editors/IDE's all fascinate me and I'm constantly looking for new ways to streamline and improve the process of software construction.

You can see my personal coding projects on github <http://github.com/zaphar> and google code <http://code.google.com/u/Jeremy@marzhillstudios.com/> or <http://code.google.com/u/jeremymzhs/>

## Languages

- Perl - Expert
- Javascript - Expert
- Erlang - Expert
- Haskell - Intermediate
- Go - Intermediate
- Python - Intermediate
- Java - Intermediate
- Clojure - Intermediate
- C - Beginner
- C++ - Beginner

## Technologies

- Non relational datastores
  - CouchDB
  - Bigtable
  - GoogleAppengine Datastore
- Relational Databases
  - DB2
  - Oracle
  - Mysql
  - Postgresql
- Web Technologies
  - Restful web services
  - (X)HTML
  - AJAX
- Distributed Systems

## Projects

- Original Author of Etap (erlang testing framework) and still occasional contributor. Etap is currently used by Couchdb and EA games.  
<http://github.com/ngerakines/etap>
- Author/Maintainer of several CPAN Modules  
<http://search.cpan.org/~zaphar>
- Author of the Iterate Project Management app written in erlang  
<http://github.com/zaphar/iterate/>
- Author of Test.Tap a javascript testing framework.  
<http://code.google.com/p/test-tap/>
- Contributor to Joose a javascript object meta protocol inspired by Moose for Perl.  
<http://code.google.com/p/joooses-js/>
- Author of molehil a static site generator and content tracker written in clojure. I use molehil currently to power my website.  
<http://code.google.com/p/molehil/>
- Contributor to the yi editor.  
<http://code.google.com/p/yi-editor/>

## Employment

- Google - Software engineer 2008 - Present

Was part of the DoubleClick acquisition by Google and continued working on the Google Affiliate Network product for the first two years. Wrote most of the code to migrate our data to Google infrastructure and datastores. Launched the first integrations with Google systems.

Currently working on the Project Hosting product on <http://code.google.com/p/>.

Pretty much all the technology is custom but relies heavily on non-relational distributed datastores, and highly scalable distributed architectures.

- Doubleclick/Performics Software Engineer 2007 - 2008

Worked on the affiliate ad product for Doubleclick/Performics in several different initiatives.

The product was written in perl and used DB2/Oracle/MySQL for the database. The web stack was Linux, Apache, Perl.

- Championed and prioritized tasks for a migration from an IBM DB2 database to an Oracle Database
- Coded and setup a unit test infrastructure for javascript development.
- Designed and wrote a UI framework to improve development speed and maintainability of frontends to the reporting API.

- Healthcom - SubContractor 2007

Worked on a health device information tracking service. The system recieved health information from various remote devices in patients homes. It tracked the data and events and graphed them for the healthcare providers. It also alerted based off of certain criteria for the data.

The system was written in Perl and consumed web services, ftp uploads, and encrypted network connections to gather the data. The data was stored in Postgresql. The web stack was Apache and Perl on Windows.

## Education

- High School Diploma from Christian Liberty Satellite Schools - 1994
- Self Taught Programer ever since