TODD GEHMAN

Software Humanist

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SUMMARY

Creative, seasoned software generalist and team/product/project manager attuned to design, language, usability, and the transformative humanist power of internet software. Having settled in New York City after extensive global travel, I'm seeking greater NYC companies who do social good (health, human rights, equality, education) or facilitate human experience and creativity (arts, music, software, travel, productivity).

PROFESSIONAL WORK

Director of Engineering at Celmatix
2018 – 2022
https://celmatix.com

Managed engineering team responsible for a suite of public web applications and internal tools in Rails and React, handling everything from clinical patient intake data to the structured annotation of scientific papers related to fertility genetics.

Director of Engineering at Experi
2014 – 2016
https://experi.com

For a new travel startup splitting off from our former company Orbridge, lead greenfield development of a universal Rails web application designed to serve the public website, manage intranet and extranet systems for employees and third parties, and auto-generate design-intensive travel documents as PDFs. Hired, tutored, and managed a junior developer.

Director of Engineering at Orbridge
2012 – 2014
http://www.orbridge.com

Operating as the entire tech team on a greenfield intranet & extranet system for this global travel startup, executed all roles from sysadmin to full-stack Rails developer to project/product manager, including much of the UI/UX design. The web application facilitated group travel inventory management and guest reservations while also integrating with data from the public CMS website's database.

Senior Software Developer at Vittana
2011 – 2012

Joined as a one-man development team for this nonprofit Microfinance startup, handling all technology tasks from sysadmin to CSS for the Rails web app and Wordpress blog. Evangelized design, recruited and hired a designer, and launched site-wide design overhaul. Designed and built intranet and extranet system to handle data administration, metrics reporting, and student/partner information management tasks. Hired and managed three outsourced Rails developers plus an in-house junior developer.

Interactive Developer at Urban Influence
2010 – 2011
https://www.urbaninfluence.com

Client-based, design-centered web development in PHP, Wordpress, and Drupal. Full-stack web application development in Rails.

Software Developer at Robot Co-op
2004 – 2009

Full-stack Rails development on our suite of "useful social-networking" sites, most notably 43 Things, one of the earliest and most heavily trafficked (pre-Twitter) Rails sites. Sole developer on Neighborhood Watch, a spam and abuse policing application using automation and user consensus to vet site content.

Web Development Manager at Amazon.com
1998 – 2004
https://www.amazon.com

Launching dozens of customer-facing and internal web products, building out Amazon's template layer using a proprietary scripting language. Lead developer for Amazon's product detail page. Became Lead Web Developer for Amazon's Personalization team, the first decentralized, mission-based "2-pizza team" within the broader company. Transitioned from Lead Developer to Web Development Manager, hiring and managing a team of eight. Launching dozens of cutting-edge web products, we ushered Amazon into its current model of serving page content that is both automated and personalized. Sole project manager and software developer on Amazon's first digital music sampler, a stand-alone JavaScript web app. Lead Developer for the Digital Technology group, responsible for the digitization of humanity's published works and handling the purchase and curation of digital consumer goods.

Webmaster at Cellar Homebrew
1994 – 1998

Greenfield development of the online presence and e-commerce store for this mom & pop retail shop purveying brewing and winemaking supplies. Independently created and managed all aspects, from the design to the database. Created the world's first online beer recipe calculator tool, later split off into its own service.

toddgehman.com
2000 – Now
https://toddgehman.com

Digital hub for my professional and amateur creative work.

Fairness & Accuracy In Reporting (FAIR)
2015 – Now
https://fair.org

Part-time, pro bono consulting (PHP, Wordpress, MySQL) for this exceptional media watchdog group.

Hopville & Beer Calculus
1996 – 2013

Founder and sole proprietor of this geeky/social site for amateur and small-scale professional brewers. Hopville leveraged the world's first recipe calculation tool for brewers into a social network centered around the creation, calculation, sharing, and discovery of beer recipes. In 2013, Hopville was acquired by a competitor.

Major White
2006 – 2012

Offered custom, free (and clutter-free) websites to photographers based on their select portfolios using Rails software synced with the Flickr API, served via either siloed subdomain or custom domain.

Todd Gehman Photography
2006 – 2012

Photography portfolio website which ran via Flickr's public API and for which the side project Major White was purpose-built.

NaSoAlMo
2005 – 2008

Took the reins on managing this annual amateur songwriting and recording challenge and rebuilt its web presence as a Rails site.

AMP: A Music Project
2003 – 2008

Web-hosted, publicly-viewable, privately-streamable music database and smart playlist generator written in OO Perl on a home server. Before things like iTunes and Spotify existed, people like me had to build our digital jukeboxes all by ourselves.

Best Social Networking Site Webby Award
2005
Awarded to Robot Co-op for our flagship product 43 Things.

Recruiting Bar-Raiser
2002 – 2004
Initiated into Amazon's program rewarding and promoting excellence in interviewing and critiquing candidates. In that role, interviewed Web Developer candidates company-wide daily with absolute veto power.

Just Do It Award
2000
Amazon internal award for displaying bias for action.

Photographic Center Northwest
2005 – 2009
Fine Art Photography

Penn State University
1988 – 1994
Integrative Arts

Ada Developers Academy Volunteer Tutor
2014
http://adadevelopersacademy.org

East Ballard Community Association Volunteer
2012 – 2015
http://eastballard.org

Seattle Works Volunteer
2010 – 2013
http://seattleworks.org

Currently/Recently Used

Apache, API Design, AWS, Capistrano, CoffeeScript, Continuous Integration, Copilot, CSS, Data Modeling, Git / Github, Github Actions, HAML, HTML 5, HTML/XHTML, JavaScript, MySQL, Nginx, Object-Oriented Programming, Photoshop, PHP, Pivotal Tracker, PostgreSQL, Rails 7, React, Responsive Design, Rspec, Ruby, Ruby on Rails, SASS, Test-Driven Development (TDD), TypeScript, Wordpress, Zurb Foundation

Limited/Lapsed

Angular, Asana, Backbone, Berkely DB, C, C++, Django, DJango Rest Framework, Docker, Drupal, Flash/ActionScript, Heroku, HIPAA, Jira, jQuery, Mason, Objective-C, Oracle Database, Perforce, Perl, Playwright, Python, Rackspace Cloud Hosting, Rails 6, React Native, Redis, Semantic UI, Tailwind