**Peter H Boling** Detroit, MI (remote-only)

{ [Portfolio](http://railsbling.com) , [LinkedIn](https://www.linkedin.com/in/peterboling/) , [wellfound:](https://angel.co/u/peter-boling) , [Crunchbase](https://www.crunchbase.com/person/peter-boling) , [RubyGems](https://railsbling.com/posts/rubygems/current_list/) ,

 [GitHub](https://github.com/pboling) , [GitLab](https://gitlab.com/pboling) , [CodeBerg](https://codeberg.org/pboling) , [SourceHut](https://sr.ht/~galtzo/) }

TZ-America/\* | (925) 252-5351 | peter@railsbling.com

Architect-level engineer with team lead and hands-on management experience in deep backend systems for 25 years. Assembling teams at innovative startups, and established enterprises, while building complex backend systems and delivering successful products. Led major PHP-to-Rails migrations @ [aSmallWorld](https://www.asmallworld.com) and [BibleGateway](https://www.biblegateway.com). Tidelift [Maintainer](https://tidelift.com/about/lifter#funded-packages) since April 2022. Recognized by GitHub in July 2022 as author/maintainer of critical FLOSS tools ([ref](https://github.blog/2022-06-24-thank-you-to-our-maintainers/)). I speak 🇺🇸English (native), 🇲🇽Spanish (fluent), 🇧🇷Portuguese (fluent), and 🇮🇩Indonesian (basic).

## Coding Bootcamp Instructor | [edX](https://www.edx.org/), [Michigan State University](https://bootcamp.msu.edu/coding/landing) | DT, MI | Mar’23 | present

### Stack: React,GraphQL,Node,MongoDB

Teaching Full Stack Web Development with React + Node in a 24 week Coding Bootcamp course.

## Principal Engineer Team Lead | [VitalConnect](https://vitalconnect.com/) | SJ, CA | Dec’22 | present

### Stack: Rails microservices,RSpec,psql,AWS,GraphQL,[BB](https://bitbucket.org/)

Building a cloud engineering team, and supporting outpatient cardiac health monitoring. Developing reporting and alerting tools. Improving resiliency with robust testing.

## Director of Software Engineering | [Riviera Partners](https://rivierapartners.com/) | SF, CA | Feb’20 | 2.8y | Dec’22

### Stack: Rails 5.2,Ruby 2.5…2.7,RSpec,psql,S3,[ES](https://www.elastic.co/elasticsearch/),Sk,k8,Hasura,GraphQL,CQRS+ES,Svelte,[GH](https://github.com),[Jx](https://jenkins-x.io/)

PE-backed search firm combining executive search with an AI/ML-driven search system. Hired & managed back-end, devops, and all contractors. Translated executive strategy to executable roadmap. 10x better response rate w/ automation. Event Storming to map domain. Wrote [service\_actor-promptable](https://rubygems.org/gems/service_actor-promptable).

## Tech Advisor, Principal Engineer | [Karuna Health](https://www.crunchbase.com/organization/karuna) | SF, CA | Nov’18 | 1.5y | Apr’20

### Stack: Rails 5.2,Ruby 2.5…2.6,RSpec,psql,SQS,Protobuf,S3,[ES](https://www.elastic.co/elasticsearch/),Sk,Aptible,[GH](https://github.com)

Connected patients with healthcare guides through streamlined communication and automation. Built Redox integration, email gateway. Advised on tech & hiring. Acquired by [Commure, Inc](https://www.commure.com/).

## Principal Engineer Team Lead | [Bolt Threads](https://boltthreads.com/) | SF, CA | Sep’17 | 0.8y | May’18

### Stack: Rails 4.2…5.2,Ruby 2.3…2.5,RSpec,psql,Ubuntu,OPC DA

Cutting-edge materials science for fashion and beauty industries. Integrated OPC DA with Lab Information Management System (LIMS). Instrumented Stoll industrial knitting machine. LIMS maintenance & replacement. “Leadership Fundamentals” training; hired new leadership.

## Full-Stack Eng, Founder | [9thBit LLC](https://9thbit.net) | SF, CA & NY, NY | May’16 | 3.6y | Nov’19

### Stack: Rails 4.2…5.2,Ruby 2.0…2.6,React v16,Redux,RSpec,psql,S3,[ES](https://www.elastic.co/elasticsearch/),Sk,[GH](https://github.com),Cypress,Contentful,DynamoDB,S3 & [CW](https://aws.amazon.com/cloudwatch/),Mongo,Resque,[BB](https://bitbucket.org/),[DO](https://www.digitalocean.com/),[DD](https://www.datadoghq.com/),[NR](https://newrelic.com/),[SF](https://www.salesforce.com/)

Agile software development agency. Full or part-time building solutions across many industries. 2016-18 Contract w/ [Intricately](https://www.intricately.com/), authoritative product adoption, usage, and spend Data on 7 million companies with marketing and sales intelligence. Built systems to track changes to *the internet* (writ large). Automated alerting, and benchmarking. Cloud intel reports for F100 enterprise customers. Wrote [debug\_logging](https://github.com/pboling/debug_logging); maintaining [dynamoid](https://rubygems.org/gems/dynamoid). 2018-19 Contract /w [Group1001](https://www.group1001.com/), family of insurance companies offering accumulation and protection solutions; [Gainbridge](https://gainbridge.io/), [Delaware Life](https://www.delawarelife.com/), Relay Rewards. Sole dev on Relay Rewards & Group1001 (Rails); Analytics SME on Gainbridge (React v16)

## Principal Engineer Team Lead | [Invoice2go](https://invoice.2go.com/) | SF, CA & JK, INDO | Jan’16 | 1.1y | Feb’17

### Stack: Rails 4.2,Ruby 2.3,RSpec,psql,S3,[ES](https://www.elastic.co/elasticsearch/),Redis,Sk,CircleCI,Jenkins,[GH Enterprise](https://github.com/enterprise),[ZD](https://www.zendesk.com/),[NR](https://newrelic.com/)

Professional invoicing platform for freelancers and small businesses. Managed web team in developing a revamped web app. Managed automation team (dev tools): git flow, feature flags. Promoted to Principal Engineer & assigned leadership role in Jakarta office. Acquired by Bill.com.

## Staff Engineer (equiv) | [Trumaker & Co](http://www.trumaker.com) | SF, CA | Apr’14 | 2y | Apr’16

### Stack: Rails 3.2,Ruby 2.0…2.1,RSpec,React,Ember,Haml,Slim,SASS,psql,S3,Sk,TravisCI,[GH](https://github.com),[SF](https://www.salesforce.com/),[NR](https://newrelic.com/),Heroku

Personalized service and bespoke made-to-measure fashion. Monolith extractions Ember/React; Orders, manufacturing, shipping & inventory. 12-state CRM w/ commissioned sales attribution. Wrote [celluloid-io-pg-listener](https://rubygems.org/gems/celluloid-io-pg-listener) - real-time, bi-directional, SalesForce integration. Thor automation.

## CTO, Co-founder | [Acquaintable](https://www.crunchbase.com/organization/acquaintable) | NY, NY | Nov’12 | 1.1y | Nov’13

### Stack: Rails 3.2,Ruby 1.9…2.0,RSpec,RequireJS,Bb+Mar,ZF,Neo4j,psql,S3,Sk,Puma,TravisCI,[GH](https://github.com),Librato,[NR](https://newrelic.com/),Heroku

Pitched, fund-raised, and implemented socially-curated dating via friends-of-friends. Touch-enabled SPA; Match UX < 10s. Seed round ERA-NYC Winter 2013; Acquired by Reveal (MS Ventures)

## Senior Engineer Team Lead | [Bloomberg LP](https://www.bloomberg.com) | NY, NY | Aug’10 | 2.3y | Nov’12

### Stack: Rails 2.3…3.2,Ruby 1.8…1.9,Grape,RSpec,RequireJS,ZF,Slim,SASS,SOAP,Unicorn,Puma,TeamCity

Tightly integrated portfolio management and performance reporting. 1st Employee @ Bloomberg Black. Hired team of 10; Promoted to Team Lead. JS flyout menus, scrollspy, breadcrumbs; Shaved 10ms/req; CMS w/ SSR & AJAX; Platform support – Win, RedHat & MacOS. Now [CircleBlack](https://www.circleblack.com/).

## Senior Engineer Team Lead, Partner | [Sagebit, LLC](https://www.crunchbase.com/organization/sagebit) | Indy, IN | Jun’07 | 4.6y | Dec’11

### Stack: Rails 1.2…3.1,Ruby 1.8…1.9,RSpec,Haml,CSS,jQuery,MySQL,Mongrel,Unicorn,[GH](https://github.com),Debian,Ubuntu

Agile software development agency. Hired & trained team of 5 in stateless programming. Promoted to Team Lead, then Partner; Led buildout of [RadioBookmark](https://www.radiobookmark.com/)’s back-end. Internal projects: sports mgmt, events & tickets, spam analysis. Led team of 10 converting [aSmallWorld](http://asmallworld.com/) to Rails; LB’d rolling 32 server prod env; 2MM uniques/month, & 300K page views/day; Data migration; Forum, photo sharing, friend network, page & user tracking; Polymorphic CMS; Advertising engine for Estee Lauder & Mercedes-Mclaren.

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## Full-Stack Eng, Founder | [9thBit LLC](https://9thbit.net) | Indy, IN & NY, NY | Mar’07 | 7.8y | Nov’14

### Stack: Rails 1.2…2.3,RailsLTS,Ruby 1.8…2.1,MySQL,RSpec,EPub,Solr,Redmine,jQuery,AJAX,CSS,Ubuntu,Haml,MySQL, Mongrel,Unicorn,TravisCI,[GH](https://github.com),[NR](https://newrelic.com/),CGI,Oracle 11g,rbenv,bash,daemons,RedHat

Agile software development agency. Full or part-time building solutions across many industries.

* 2006-10 Contract to write apps for a new credit union. Money transfers via third party financial institutions; $13MM transferred. CX tools, KB, audits, KYC, statements, & ledgers
* 2008-10 Contract w/ [Neighborino, LLC](https://www.crunchbase.com/organization/neighborino); built photos, messaging, ads, calendaring, and daemons
* 2009-10 Contract to migrate [BibleGateway](http://biblegateway.com) (Harper-Collins publishing), a US top 10 website, to Rails
* 2008-14 Contract w/ [Timeperks](https://www.youtube.com/watch?v=b8f6mPkChrs); early B2B2C DoorDash; Promoted to Team Lead. Reporting & CX masquerade tool. 3-way AWS FPS payments; maintaining [remit](https://rubygems.org/gems/remit), wrote [csv\_pirate](https://rubygems.org/gems/csv_pirate)
* 2013-14 Contract w/ [Church Pension Group](http://cpg.org); Provided resources and services to sustain the operations of the Episcopal Church worldwide. Forensic modernization; Implemented token auth, daemons, `make` system. 10x perf improvement of internal services, 20 req/s increased to > 200 req/s

## Engineer | [Legislative Services Agency](http://iac.iga.in.gov/iac/irtoc.htm) - IGA | Indy, IN | 97 & 06 | 2.3y | 99 & 07

### Stack: Rails 1.1…1.2,Ruby 1.8,Oracle8i,9i,10g,jQuery,CSS,Redhat,IIS,XML,XSL,Tomcat,Cocoon,C#,Google Mini

* [Indiana Register](http://iac.iga.in.gov/iac/irtoc.htm) & [Administrative Code](http://iac.iga.in.gov/iac/iac_title) site - official documents auto-published. XML & XSLT; Designed layout, created CSS; Programmed Google Mini search appliance; batch & shell scripts
* Indiana General Assembly's call center (House/Senate/LSA): Rails + Cisco IPCC & PBX
	+ World’s 1st enterprise RoR app built on WS2k3, IIS6 + FastCGI w/ SSO (2006, [ref1](https://discuss.rubyonrails.org/t/iis-new-fastcgi-support-and-rails/5614/5), [ref2](https://markmail.org/message/tvkxqnpjltu5xvtk#query:+page:1+mid:tvkxqnpjltu5xvtk+state:results)).
* 97-99 Inaugural tech intern @ IN State House; selected as standout CS student; Built issue tracker

## Engineer | [Optivel, Inc](https://rocketreach.co/optivel-inc-profile_b445a0dafa55b3c4) | Indy, IN | Dec’04 | 1.4y | Apr’06

### Stack: Rails 0.10…1.1,Ruby 1.8,Mongrel,MySQL,Bugzilla,Bash,PHP,Java,Perl,Scheme,Nagios,Debian,apt

Agile software development agency & IT solutions provider. Initially a linux sysadmin, I was promoted to Engineer; built “AirBnB for Airplanes”; managed apt mirror; built internal .deb packages

# Projects - Free (Libre) Open Source

[Tidelift](https://tidelift.com/about/lifter#funded-packages) Maintainer since Apr’22, [RubyGem](https://rubygems.org/profiles/pboling) & [NPM](https://www.npmjs.com/~pboling) Project Lead, 67+ libraries; top DL as of Oct’22:

1. [oauth2](https://rubygems.org/gems/oauth2) - OAuth 2 Client; *maintainer* since 2017; 124MM DL
2. [oauth](https://rubygems.org/gems/oauth) - OAuth 1 Client & Server; *maintainer* since 2021; 83MM DL
3. [version\_gem](https://rubygems.org/gems/version_gem) - Gemspec-compatible VERSION enhancer; *author*, 2022; 3.5MM DL
4. [dynamoid](https://rubygems.org/gems/dynamoid) - Amazon DynamoDB ORM; *maintainer* since 2016; 2.8MM DL
5. [gem\_bench](https://rubygems.org/gems/gem_bench) - Gemfile static analysis; *author*, 2013; 2.8MM DL
6. [flag\_shih\_tzu](https://rubygems.org/gems/flag_shih_tzu) - Bitfields for ActiveRecord; *maintainer* since 2012; 1.8MM DL
7. [sanitize\_email](https://rubygems.org/gems/sanitize_email) - Email condom for Ruby server; *author*, 2009; 1.5MM DL
8. [omniauth-identity](https://rubygems.org/gems/omniauth-identity) - Trad un/pw adapter for omniauth; *maintainer* since 2020; 1.4MM DL

# Projects - Volunteer Work

* Liberian civil war refugee assistance since 2013. Relocate, buy land, build homes, find employment. Liberian NGO [Hope For Tomorrow](https://www.facebook.com/hope.for.tomorrow.liberia/) registered in 2015. Dozens stabilized each year.
* **Co-founded** [WordTree Foundation](http://wordtree.org) in 2013. Algorithms for scientific analysis (e.g. n-gram) of literary provenance. Pre-modern focus on evolution of ideas. World’s first “Big Data” study of English literature. [Free & open source](http://github.com/wordtreefoundation).

# Awards, Accolades and Certifications

* 2x Dean’s Honor List for Computer Science, Ball State University
* Indiana Core40 with Academic Honors Diploma, Muncie Central High School
* Eagle Scout - Boy Scouts of America
* Licensed Barista SITHFAB005 & SITXFSA001, CBD College, Sydney, Australia, RTO# 91399

# Education (\*)

* Ball State University | Computer Science | Muncie, IN
* Purdue University | Management Information Systems | Lafayette, IN

**(\*)** University part-time, while working ➔ No degrees