



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

{ Portfolio , LinkedIn , wellfound: , Crunchbase , RubyGems , GitHub , GitLab , CodeBerg , SourceHut }

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](#) and [BibleGateway](#). Tidelift [Maintainer](#) since April 2022. Recognized by GitHub in July 2022 as author/maintainer of critical FLOSS tools ([ref](#)). I speak English (native), Spanish (fluent), Portuguese (fluent), and Indonesian (basic).

Coding Bootcamp Instructor | [edX](#), [Michigan State University](#) | 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](#) | SJ, CA | Dec'22 | present

Stack: Rails microservices,RSpec,psql,AWS,GraphQL,BB

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](#) | SF, CA | Feb'20 | 2.8y | Dec'22

Stack: Rails 5.2,Ruby 2.5...2.7,RSpec,psql,S3,ES,Sk,k8,Hasura,GraphQL,CQRS+ES,Svelte,GH,Jx

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-promtable](#).

Tech Advisor, Principal Engineer | [Karuna Health](#) | SF, CA | Nov'18 | 1.5y | Apr'20

Stack: Rails 5.2,Ruby 2.5...2.6,RSpec,psql,SQS,Protobuf,S3,ES,Sk,Aptible,GH

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

Principal Engineer **Team Lead** | [Bolt Threads](#) | 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](#) | 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,Sk,GH,Cypress,Contentful,DynamoDB,S3 & CW,Mongo,Resque,BB,DO,DD,NR,SF

Agile software development agency. Full or part-time building solutions across many industries. 2016-18 Contract w/ Intracately, 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](#); maintaining [dynamoid](#). 2018-19 Contract /w [Group1001](#), family of insurance companies offering accumulation and protection solutions; [Gainbridge](#), [Delaware Life](#), Relay Rewards. Sole dev on Relay Rewards & Group1001 (Rails); Analytics SME on Gainbridge (React v16)

Principal Engineer **Team Lead** | [Invoice2go](#) | SF, CA & JK, INDO | Jan'16 | 1.1y | Feb'17

Stack: Rails 3.2,Ruby 2.3,RSpec,psql,S3,ES,Redis,Sk,CircleCI,Jenkins,GH Enterprise,ZD,NR

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](#) | 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,SF,NR,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](#) - real-time, bi-directional, Salesforce integration. Thor automation.

CTO, Co-founder | [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,Librato,NR,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](#) | 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. 1<sup>st</sup> 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](#).

Senior Engineer **Team Lead, Partner** | [Sagebit, LLC](#) | 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,Debian,Ubuntu

Agile software development agency. Hired & trained team of 5 in stateless programming. Promoted to Team Lead, then Partner; Led buildout of [RadioBookmark's](#) back-end. Internal projects: sports mgmt, events & tickets, spam analysis. Led team of 10 converting [aSmallWorld](#) 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.

Full-Stack Eng, **Founder** | [9thBit LLC](#) | 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,NR,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](#); built photos, messaging, ads, calendaring, and daemons
- 2009-10 Contract to migrate [BibleGateway](#) (Harper-Collins publishing), a US top 10 website, to Rails
- 2008-14 Contract w/ [Timeperks](#); early B2B2C DoorDash; Promoted to Team Lead. Reporting & CX masquerade tool. 3-way AWS FPS payments; maintaining [remit](#), wrote [csv\\_pirate](#)
- 2013-14 Contract w/ [Church Pension Group](#); 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](#) - 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](#) & [Administrative Code](#) 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](#), [ref2](#)).

- 97-99 Inaugural tech intern @ IN State House; selected as standout CS student; Built issue tracker

Engineer | [Optivel, Inc](#) | 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 Maintainer since Apr'22, [RubyGem](#) & [NPM](#) Project Lead, 67+ libraries; top DL as of Oct'22:

1. [oauth2](#) - OAuth 2 Client; *maintainer* since 2017; 124MM DL
2. [oauth](#) - OAuth 1 Client & Server; *maintainer* since 2021; 83MM DL
3. [version\\_gem](#) - Gemspec-compatible VERSION enhancer; *author*, 2022; 3.5MM DL
4. [dynamoid](#) - Amazon DynamoDB ORM; *maintainer* since 2016; 2.8MM DL
5. [gem\\_bench](#) - Gemfile static analysis; *author*, 2013; 2.8MM DL
6. [flag\\_shih\\_tzu](#) - Bitfields for ActiveRecord; *maintainer* since 2012; 1.8MM DL
7. [sanitize\\_email](#) - Email condom for Ruby server; *author*, 2009; 1.5MM DL
8. [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](#) registered in 2015. Dozens stabilized each year.
- ★ **Co-founded** [WordTree Foundation](#) 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](#).

### 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