Peter H Boling

🔗Portfolio ⋮ 💎Gems ⋮ 🐙Hub ⋮ 🧪Lab ⋮ 🛖Hut ⋮ 📅Calendly ⋮ 💼LinkedIn

📍Detroit, MI (remote-only) ⋮ ⌚TZ-America/* ⋮ 📞(925) 252-5351 ⋮ 📧peter@railsbling.com

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Executive, director, mentor, advisor, legacy specialist and software engineer for 25 years. Passions are strong testing, design patterns, process innovation, and improving the human condition.

🌎1st: Enterprise Rails app on Windows Server 2k3, IIS6 + FastCGI w/ SSO (2006, ref1, ref2). Over 15 years ago I designed and built the Indiana Register & Administrative Code website, which continues to daily publish all official legislative documents of the Indiana State General Assembly. Quality matters when longevity matters. Led massive PHP-to-Rails migrations @ aSmallWorld (2008-9) and BibleGateway (2009-10). Recognized as a builder of critical FLOSS tools that make Github possible (2022, ref).

Languages: 🇺🇸English (native) ⋮ 🇲🇽Spanish (fluent) ⋮ 🇧🇷Portuguese (fluent) ⋮ 🇮🇩Indonesian (basic)

Legend: 🤙Leader / Manager / Exec ⋮ 🦖Jira Admin ⋮ 🪜Promotion ⋮ 📜Contract Extension ⋮ 💲Acquisition

Work Experience

Director of Engineering ⋮ Riviera Partners ⋮ Feb 2020 ⋮ present

🍘Rails 5.2, Ruby 2.5…2.7, RSpec, psql, SQS, S3, ES, Sidekiq, k8, Hasura, GraphQL, CQRS+ES, Svelte, GH, Jx ⋮ 🤙🦖🪜🪜🇺🇸🇧🇷

➤ Managed back-end, devops, and all contractors. Translated executive strategy to an executable roadmap. Order of magnitude improvement to response rate w/ automated email drips. Promoted to Eng Manager, then Dir Eng; Event Storming to map business domain. Upgraded tools, deps & SSL certs, patched CVEs, wrote service_actor-promptable.

Tech Advisor, Principal Engineer ⋮ Karuna Health ⋮ Nov 2018 ⋮ 1.5y

🍘Rails 5.2, Ruby 2.5…2.6, RSpec, psql, SQS, Protobuf, S3, ES, Sidekiq, Aptible, GH ⋮ 🤙💲🇲🇽🇮🇩

➤ Built email gateway, notifications. Advised on tech & hiring; Acquired by Commure, Inc

Principal Engineer, Founder ⋮ 9thBit LLC ⋮ Nov 2018 ⋮ 3.6y

🍘Rails 4.2…5.2, Ruby 2.0…2.6, React v16, Redux, RSpec, psql, S3, ES, Sidekiq, GH, Cypress, Contentful, DynamoDB, S3 & CW, ES, Mongo, Resque, BB, DO, DD, NR, SF ⋮ 🦖🪜🪜🪜🇺🇸

➤ Contracted (extended, 2x) w/ Intricately; Track changes to *the internet* (writ large). Automated alerting, benchmarking; Reports for F100 enterprise customers. Wrote debug_logging; began maintaining dynamoid

➤ Contract (extended) on Gainbridge, Delaware Life, Group1001, Relay Rewards. Sole dev on Relay Rewards & Group1001 (Rails); SME for analytics on Gainbridge (React v16)

Principal Engineer Team Lead ⋮ Bolt Threads ⋮ Sep 2017 ⋮ 0.8y

🍘Rails 4.2…5.2, Ruby 2.3…2.5, RSpec, psql, Ubuntu, OPC DA ⋮ 🤙🦖🇺🇸

➤ Integrated OPC DA; Instrumented Stoll industrial knitting machine. Lab Information Management System (LIMS) maintenance & then replacement. Completed "Leadership Fundamentals" training & interviewed new leadership

Principal Engineer Team Lead ⋮ Invoice2go ⋮ Jan 2016 ⋮ 1.1y

🍘Rails 4.2, Ruby 2.3, RSpec, AngularJS 1.4, psql, S3, ES, Redis, Sidekiq, CircleCI, Jenkins, GH Enterprise, ZD, NR ⋮ 🤙🦖🪜🇺🇸🇮🇩

➤ Managed & led 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

Staff Engineer (equivalent) ⋮ Trumaker & Co ⋮ Apr 2014 ⋮ 2y

🍘Rails 3.2, Ruby 2.0…2.1, RSpec, React, Ember, Haml, Slim, SASS, psql, S3, Sidekiq, TravisCI, GH, SF, NR, Heroku ⋮ 🇺🇸

➤ Extractions to ember-cli & react; Ordering, manufacturing, shipping & inventory biz logic. Fully spec'd 12-state Lead CRM tool w/ sales attribution. Wrote celluloid-io-pg-listener - real-time, bi-directional, SalesForce integration

| **Staff Engineer, Founder** | ⸭ | **9thBit LLC** | ⸭ | **Aug 2013** | ⸭ | **1.3y** |

🪙Ruby 1.8…2.1, CGI, FastCGI, Mail gem, RSpec, Oracle 11g, rbenv, bash, daemons, RedHat linux ⸭ 📜🇺🇸
> Initial 9 month contact with Church Pension Group extended to project completion. Forensic modernization; Account locking, token auth, daemons, `make` build system. Achieved 10x perf improvement of internal services, 20 req/s increased to > 200 req/s

| **Chief Technology Officer, Co-founder** | ⸭ | **Acquaintable** | ⸭ | **Jun 2012** | ⸭ | **1.4y** |

🪙Rails 3.2, JRuby 1.7, Ruby 1.9…2.0, RSpec, RequireJS, Backbone+Marionette, Foundation, SASS, Neo4j, psql, S3, Sidekiq, Unicorn, Puma, TravisCI, GH, Librato, NR, Heroku ⸭ 🤙💲🇺🇸🇧🇷
> Co-founded, pitched, fund-raised, and implemented socially-curated dating through FoF. Mobile-first SPA, touch-enabled; Full matching UX within 10s. Seed round ERA-NYC Winter 2013; Acquired by Reveal (MS Ventures)

| **Senior Engineer Team Lead** | ⸭ | **Bloomberg LP** | ⸭ | **Aug 2010** | ⸭ | **2.3y** |

🪙Rails 2.3…3.2, Ruby 1.8…1.9, Grape, RSpec, RequireJS, Foundation, Slim, SASS, SOAP, Unicorn, Puma, TeamCity, Git ⸭ 🤙📋🇺🇸
> 1st Employee@Bloomberg Black; Hired team of 10; Promoted to Team Lead. Built JS flyout menus, scrollspy, breadcrumbs; Created middleware shaving 10ms/req; CMS w/ SSR & AJAX; Platform support – Win, RedHat & MacOS

| **Senior Engineer Team Lead, Founder** | ⸭ | **9thBit LLC** | ⸭ | **Sep 2008** | ⸭ | **6.1y** |

🪙Rails 2.0…2.3, Rails LTS, Ruby 1.8…2.2, RSpec, Haml, CSS, MySQL, Mongrel, Unicorn, TravisCI, GH, NR ⸭ 🤙📋📜🇺🇸🇧🇷
> Contract with Timeperks (early B2B2C DoorDash); Promoted to Team Lead. CX ghosting/masquerade tool, & reporting features (utilizing my csv_pirate gem). Implemented 3-way marketplace payments; began maintaining remit

| **Senior Engineer Team Lead, Partner** | ⸭ | **Sagebit, LLC** | ⸭ | **Jun 2007** | ⸭ | **4.6y** |

🪙Rails 1.2…3.1, Ruby 1.8…1.9, RSpec, Haml, CSS, jQuery, MySQL, Mongrel, Unicorn, GH, Debian, Ubuntu ⸭ 🤙📋📋🇺🇸
> Hired & trained team of 5 in stateless programming. Promoted to Team Lead, then Partner; Led buildout of RadioBookmark's back-end. Built internal projects: sports management, event finder & tickets, spam analysis
> Led team of 10 developers 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

| **Senior Engineer, Founder** | ⸭ | **9thBit LLC** | ⸭ | **Mar 2007** | ⸭ | **3.6y** |

🪙Rails 1.2…2.3, Ruby 1.8…1.9, MySQL, RSpec, EPub, Solr, Redmine, jQuery, AJAX, CSS, Debian, Ubuntu, Bash ⸭ 📋📜📋📜🇺🇸
> Contract (extended) to write apps for a new credit union. Money transfers via third party financial institutions; $13MM transferred. Fraud detection, CX tools, KB, Interest, audits, KYC, statements, & ledgers
> Contracted to write a "physical letters to Legislators as a Service" web app
> Contracted (extended) w/ Neighborino, LLC to build photos, messaging, ad services, calendaring, and daemons
> Contract (extended) to migrate BibleGateway (Harper-Collins), then a US top 10 website, to Rails

| **Engineer** | ⸭ | **Legislative Services Agency** - Indiana General Assembly | ⸭ | **1997-9, 2006-7** | ⸭ | **2.3y** |

🪙Rails 1.1…1.2, Ruby 1.8, Oracle 8i, 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; 15+ years on still beautiful and fast! Programmed Google Mini search appliance; batch & shell scripts.
> Indiana General Assembly's call center app (House/Senate/LSA). Rails + Cisco IPCC & PBX + constituent issues + legislator highlight emails. World's first enterprise Rails app on Windows Server 2k3, IIS6 + FastCGI w/ SSO (ref1, ref2)
> As a standout CS student @ BSU, selected in 1st-and-2nd-ever technical intern groups; Built issue tracker app

| **Engineer** | ⸭ | **Optivel, Inc** | ⸭ | **Dec 2004** | ⸭ | **1.4y** |

🪙Rails 0.10…1.1, Ruby 1.8, Mongrel, MySQL, Bugzilla, Bash, PHP, Java, Perl, Scheme, Nagios, Debian, apt ⸭ 📋🇺🇸
> Promoted to Engineer; built "AirBnB for Airplanes". Managed Debian apt mirror & built internal .deb packages

Projects - Free (Libre) Open Source

Tidelift Maintainer, **RubyGem** & **NPM** Project Lead, 67+ libraries; widely adopted (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 Core 40 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