

Noah Gibbs

Email: the.codefolio.guy@gmail.com

GitHub: <https://github.com/noahgibbs>

Portfolio: <https://codefol.io/portfolio>

Summary: Lead Software Engineer, Ruby on Rails Author and Speaker; Data Science and visualization; Distributed computation and storage infrastructure experience; Full-Stack Web Developer; Deep OS/Systems experience

Work Experience

Ruby Fellow, AppFolio, Fremont, CA - May 2016 - present

- My Ruby performance assessments were repeatedly cited as one of the official Ruby language measures of progress toward Ruby 3x3
- Wrote and maintained the Rails Ruby Bench and Rails Simpler Bench benchmarks for the core Ruby language
- Spoke at Ruby conferences, including RubyKaigi (2017,2018,2019), RailsConf, Southeast Ruby, RubyConf Malaysia and others
- Wrote years of biweekly articles about Ruby configuration, performance and optimization at engineering.appfolio.com

Architect and Principal Engineer, Daqri, Sunnyvale, CA - Mar 2015 - May 2016

- Architect and Principal Engineer for 4DStudio, an AR scene design interface
- Served as Team Lead, Infrastructure
- Separated and designed smaller services from an initial monolith
- Reliability and DevOps/SRE work to improve overall service resilience
- Mentored engineers, gave tech talks, recorded tech videos.

Lead Rubyist, OnLive, Mountain View, CA - Mar 2013 - Feb 2015

- Lead of Analytics - archaeology, maintenance, extension and replacement of a neglected Java/Esper/MySQL analytics system.
- Acted as Principal Ruby Engineer company-wide, building tools and providing training and mentoring.
- Served as team lead and manager, analytics team
- Replaced ancient Adobe Air app and Pentaho Reports server with a new, much smaller Ruby on Rails analytics dashboard.
- Ruby and Cassandra architect for new HTTP platform infrastructure.
- Mentored engineers, gave tech talks, wrote and socialized eng blog.
- Ruby, Cassandra, svn, Git, Kafka, Coral8, Pentaho, Java, MySQL, Esper, InfoBright

Software Engineer, Ooyala, Mountain View, CA - Sep 2011 - Mar 2013

- Co-architect, Hastur metrics & monitoring system
- Wrote and maintained tools for metrics, monitoring, dark deploys, support engineering, logging, code review, various
- Wrote and maintained Hadoop, Cassandra and MySQL analytics system
- Wrote and maintained player, mapreduce and UI code for analytics

- Acted as general Rails/Ruby/RVM/rbenv/Bundler/git guru and mentor
- Co-built centralized logging accumulation system, 33k lines/sec

Assistant Consulting Professor, Carnegie Mellon West, Mountain View, CA - 2011-2012

- Tutored CMU Masters of Software Engineering students in Ruby on Rails
- Part-time, simultaneous with Ooyala

Software Engineer, On-Site.com, Mountain View, CA - Oct 2009 - Mar 2011

- Wrote and maintained business reports in Ruby on Rails
- Wrote and maintained infrastructure and models in Java and JRuby
- Transitioned On-Site to using Rails migrations and other best practices
- Added MongoDB database and reporting infrastructure for site metrics
- Gave a talk about how we use JRuby at On-Site

Software Engineer, ACCESS Systems Americas, Sunnyvale, CA - May 2007 - Oct 2009

- Architect and co-implementor, 'Force' OpenGL UI server for ALP 3.0
- Guided customers in writing apps and graphics for Force
- Worked with Clutter OSS project, submitted patches
- Extended and maintained GTK+ apps and middleware for ALP 2.x

Software Engineer, PeakStream, Inc. Redwood City, CA - Feb 2006 - April 2007

- Wrote Python code-generation framework for stream processing
- Added code-reuse sections to optimize recompiles for stream processing
- Deployed Win32 job queueing system based on Platform Software's LSF

(Older positions omitted for brevity - for the full list, see https://static.angelbob.com/resume/cur_resume.html)

Personal Products and Projects

- Author of Rebuilding Rails, a Ruby on Rails ebook I independently published, and which has sold around 1,500 copies
- Extensive speaking experience including conferences, meetups, interviews and tech talks from roughly 2011 to present
- Co-inventor, US Patent no. 8024708 — Systems and methods for debugging an application running on a parallel-processing computer system.

Education

Carnegie Mellon University, Pittsburgh, Pennsylvania
B.S. Computer Science and B.S. Mathematics May 1998