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SUMMARY:

- Active open-source software maintainer and contributor.

  - Maintains or collaborates on tens of projects, including ActiveModelSerializers, SimpleCov, RubyGems guide, and RMagick.
  - Has contributed to tens of others, including Rails, NodeJS, JSON:API, Kaminari, Homebrew, bcrypt-ruby, and Passenger.

- Core maintainer of ActiveModelSerializers, one of the most popular Ruby serialization libraries.
- Created the RubyGems guides security page

PROFESSIONAL EXPERIENCE:

Web Development Software Engineer – SwipeSense, Inc. – Chicago, IL, July 2015–July 2017

Hand-hygiene sensors and analytics to help healthcare institutions eliminate acquired infections.

- Ruby and Rails, Principal Developer:

  - Responsible for API design, implementation, security, testing, and documentation.
  - Improved development UX, such as by added headless Chrome testing. Prior to that, added qtchooser.

- Databases Management (MySQL/Postgres/Redshift):

  - Schema design, query optimization, and index optimization.
  - Created regular backups and easy restores that are regularly tested.
  - ETL (Extract Transform Load) management.

- Created tooling for coding standards automation:

  - Automated style enforcement, security scan, vulnerability scan, and library upgrades.
  - Add Docker-backed database images on for continuous testing.
  - Add datamart/analytics data to test and development environment.

- ECMAScript: Ember.js, React.js, Webpack.
- Amazon Web Services (AWS): CLI scripting for ENV versioning, creating resources, deploying resources, and starting/stopping servers by name

Web Development Software Engineer – Springleaf Financial Services – Chicago, IL, November 2014–May 2015

- Created tooling for coding standards automation:

  - Common Rails template, API controller base, API client base, worker configuration (including ActiveJob).
  - Code coverage, security, and style via git hooks. (Essential before we had staging or CI).

- Improved team communication:

  - Set up first chat server, wrote up onboarding documents, created employee directory.
  - Set up repository for discussing API design, team process, and sharing learnings.
  - Saved front end devs time by writing scripts for updating all services and populating with dummy data.

- Created and shared diskimage (dmg) of a self-contained wine emulation of APRWin, a critical Windows-only tool.
- Demonstrated leadership in promoting code reviews, encouraging code readability, and openness to extension.

Web Development Software Engineer – Contracting at Poll Everywhere Inc. – San Francisco, CA, January 2014–July 2014

Poll an audience; get instant feedback via web, mobile, text, or tweet.

- Upgraded legacy Rails 2.3 app to Rails 3.2, then to 4.1.
- Reduced SQL queries on serialized columns.

Web Development Software Engineer – SK Intertainment – Chicago, IL, June 2012–December 2013

MrSkin.com, MrMan.com– Adult Entertainment movie site mentioned in 'Knocked Up'

Radio Prep– GoodPartsMedia.com

- Introduced testing (including TDD), continuous integration (CI), design patterns, and some agile practices.
- Upgraded all Rails apps from Rails 3.0 to 3.2, and Ruby 1.8.7p72 to 1.9.3. Build new Rails app with CRuby backend and JRuby frontend.
- Successfully rearchitected and/or decomplected apps:

  - Separated email management from User model, normalize addresses, improve email bounce processing (Perl).
  - Standardized deploy scripts, logging, error handling, LDAP authentication, pooled SMTP, etc.

Web Development Software Engineer – Metromix/Gannett – Chicago, IL, July 2010–June 2012

A Social Entertainment Site

- Began and ran Metromix's weekly tech lunch.
- Wrote a Net::HTTP wrapper for our deals importer to increase timeouts and provide better error-handling.
- Often used math to solve complex problems. A former developer once said "wow, we'd been wanting to do fuzzy matching for a while."

Ruby on Rails Contractor – Zavteq – Chicago, IL, 2011

- Built jQuery Mobile Ruby on Rails 3 site with RSpec and custom Devise authentication adapter.

PUBLIC SPEAKING:

- Lightning Talk: Gem templates with Thor, at Geekfest 2015-04-07, Post, Code.
- Meetup: Maintaining Open Source Projects, at Dev Bootcamp Chicago Speaker Series (DBCx) 2014-11-06.
- Lightning Talk: Maintaining Open Source Projects, at Windy City Rails 2014, Slides, Clip source, Related: RubyGems Adoption Center Proposal, Rails Girls Summer of Code 2015.

- Speaking: YAML, what is it good for? at RailsIsrael in October, 2013 Slides, Video TBA, Source code
- Lightning Talk: It's About Time, at RubyConf 2012.

OTHER ONLINE PRESENCE:

- GitHub: bf4.
- Twitter: @hazula.
- Blog: benjaminfleischer.com.

EDUCATION:

Relevant coursework:

- Business Requirements Analysis, 2010.
- Agile Project Management, 2009.
- Data Warehousing and Data Mining, 2008.
- Java, and Java Web Applications, 2008.
- Principles of Accounting, 1997.

Northwestern University School of Continuing Studies, Chicago, IL, 2007–2010.

- Master of Science in Computer Information Systems with a concentration in Database and Internet Technologies.
- Cumulative GPA 3.72.

University of Pennsylvania School of Engineering and Applied Sciences, Philadelphia, PA, 1996–2000.

- Bachelor of Applied Science in Biomedical Science and a minor in Chemistry.
- Cumulative GPA 3.29, Biomedical Science Major GPA 3.67 (9 courses).

OTHER EXPERIENCE:

- PADI Scuba Diver Certified, 2011.
- Black-Belt Recommended in ATA Songham Taekwondo.
- Director on Condominium Board (2009-2013, Secretary 2009-2011) of 3150 N Lake Shore Drive Condominium. Managed web site and Community Relations & Communications Committee.