

# DOUGLAS LOVELL

914.456.1594

Github: [wbreeze](#)

[www.wbreeze.com](http://www.wbreeze.com)  
[stackoverflow.com/cv/dlovell](http://stackoverflow.com/cv/dlovell)

[doug@wbreeze.com](mailto:doug@wbreeze.com)  
LinkedIn: [dclovell](#)

Software Engineer. Deep experience with Ruby on Rails, W3C Standards, JavaScript, transactional applications. Most productive in development and development leadership roles. Highly effective Agile team member. Test first coder.

**TECHNOLOGIES: Agile development, architecture, innovation; Ruby on Rails, SQL, JavaScript, ES6, jQuery, React, RSpec, Responsive, HTML, XML, CSS, Linux, iOS, Android, Git, GitLab, GitHub, BitBucket, Jira, Pivotal, Hipchat, Slack, Travis CI, Code Climate, Heroku, AWS, S3, EC2**

## RELEVANT TECHNICAL EXPERIENCE

- Seven years experience with Ruby and Ruby on Rails, including production products at scale.
- Seven years experience with test automation using Capybara, RSpec, Minitest, FactoryGirl/Bot
- Practiced with Test Driven Development (TDD) and Behavior Driven Development (BDD)
- Participates effectively with Agile and Scrum teams. Experienced with Pivotal Tracker and Jira.
- User of GitHub, BitBucket, GitLab, fully conversant with Git command line.
- JavaScript in support of web interaction and Ajax using jQuery, jQuery UI, Zurb Foundation, responsive design. Rails unobtrusive JavaScript. React with Redux, yarn/node, webpack, Babel.
- Experienced with REST interfaces for Authorization, Payments, and Social Network sharing including OAuth, OpenID, Google, FaceBook, Stripe, and PayPal.
- Has deployed Rails applications using Rackspace and Linode virtual Debian servers running nginx, also Heroku and Amazon Elastic Beanstalk. Familiar with Docker and Ansible, Capistrano.
- One year experience with iOS application development with Objective-C.
- Experienced Android development, use of Eclipse and Android Studio.
- Fifteen years experience with Java including front-end UI Swing, Eclipse, and middleware.
- Twenty years experience with HTML standards based web presentation and web applications development, including CSS.
- Twenty years experience with Model View Controller (MVC) User Interface architectures.
- Experienced with Human Computer Interaction (HCI) requirements elicitation, workflow and social analysis.
- Deeply experienced with Object Oriented design and application of Design Patterns.
- Experienced with functional programming using Scala, Closure, and Elixir.
- Experienced with non-SQL indexed data stores including Hbase/Hadoop, Solr/Lucene, and Redis.
- Proven written and verbal communications skills through published papers, patents, articles, a book, and conference presentations.

## PROFESSIONAL EXPERIENCE

- **Senior Software Engineer, ROGUE WAVE SOFTWARE**, Louisville, CO
  - Scrum team member developing OpenLogic, a SaaS application for Open Source audit, governance and discovery. RoR, 163KLOC, 164 models, >60K users. 200TB HBase cluster with ~1B rows, Solr cluster with 100M indexed documents.
- **Senior Software Engineer, TELEGRAPHY INTERACTIVE**, Beacon, NY
  - Authored [myFltTime.com](http://myFltTime.com), a flight time logging application for aircraft pilots. RoR, 7KLOC, 19 models.
  - Authored the International Aerobatic Club database of aerobatic competition results and pilot scores--enables pilots, judges, team managers, and organizers to know how they are doing, who is doing well, and to make decisions about how best to improve. RoR, 14 KLOC, 29 models. Open sourced at <https://github.com/wbreeze/iaccdb>; deployed at <https://iaccdb.iac.org/>
- **Software Engineer, IBM, T.J. WATSON RESEARCH CENTER**, Hawthorne, NY
  - Implemented standards and research technologies. Grew mind share for emerging technologies through publication.
  - Enhanced IBM's strength in intellectual property by patenting innovative technologies.
  - Impacted IBM product development with new technology that enhanced existing products and enabled new products.

## EDUCATION

MS, Computer Science, SUNY, New Paltz, New Paltz, NY