

Bob Gilmore

35 Water St., Westborough, MA 01581

508-308-4139

dev@bobgilmore.name

blog.bobgilmore.name

linkedin.com/in/robertcgilmore

Senior Developer with experience in Swift, Objective-C, Ruby on Rails, JavaScript, Java, C++, and MATLAB.

- Mobile development on iOS with Swift and Objective-C
- Full-stack web development, including:
 - Server-side development with Ruby on Rails and Sinatra
 - Front-end development with JavaScript, jQuery, AJAX, and CSS
- Extensive experience in Java, JNI, and MATLAB
- Test Driven Development and Agile development experience
- Extensive Object-Oriented programming experience, including design of the MATLAB programming language

Technical Skills

Libraries: Cocoa Touch, Rails, jQuery, Bootstrap, Sinatra, RSpec, Ember.js, Facebook SDK, Twitter API, Swing

Technologies: Bluetooth and BLE, AWS, Firebase, Heroku, JSON-API, PostgreSQL, Travis, Jenkins, DoubleClick

Employment

Intrepid Pursuits, an Accenture Digital Studio

Senior Software Engineer, Intrepid Pursuits, July 2016-Present

Digital Business Integration Manager, Accenture Interactive, Accenture Digital, July 2017-Present

- Developed multiple iOS applications for clients.
- Used Core Bluetooth on iOS to control Bluetooth, BLE, and HomeKit peripherals.
- Diagnosed and fixed defects in Android applications.
- Implemented JSON APIs in both mobile apps and backend server code.

MeYou Health, Boston, MA

Rails Developer, May 2014-January 2016

Rails developer for walkadoo.meyouhealth.com

- Integrated web app with a proprietary federated identity management service.
- Implemented a friend recommendation system based on triadic closures.
- Refactored core functionality and created JSON APIs for use by mobile apps.
- Fixed iOS app bugs in Swift and Objective-C.

Ascend Learning, Burlington, MA

Software Developer, August 2013 – May 2014

Ruby, Ruby on Rails, and Sinatra developer

- Upgraded Ruby, Rails, and MiniTest in several apps to latest versions.
- Reconfigured applications for Jenkins and refactored unit and integration tests.
- Replaced ad-hoc gem management scheme with Bundler features.

Ruby on Rails Consultancy

Part-Time Ruby on Rails Subcontractor, January 2013 – November 2013

- Upgraded Rails, jQuery, ActiveAdmin, and other libraries.
- Implemented pagination, infinite scrolling lists, and other features.
- Updated Heroku environment for Bugsnag integration.

OurStage, Chelmsford, MA

Senior Web Developer, January 2011 – July 2013

Full-stack web developer for both main customer-facing site and custom client sites.

- Worked with team to port site from Rails 2.3.8 to Rails 3.2, and from Ruby 1.8.7 to Ruby 1.9.
- Created AJAX-based sites for clients, focusing on responsive layout for mobile and tablet use.
- Integrated with social and rewards networks including Facebook, Twitter, and Bunchball.
- Implemented site navigation redesign.

MathWorks, Natick, MA

Senior Software Engineer May 1999 – December 2010

- Designed and implemented next-generation data analysis UIs in Java Swing and JIDE.
- Used JNI and Objective-C to integrate JVMs into MATLAB, access OS X internals, and implement RMI-based tools.
- Led team overseeing evolution of MATLAB library functions. Member of programming language steering committee.
- Led Accessibility (“Section 508”) cross-functional team.

Software Development Manager May 2006 – April 2010

- Manager and lead developer of data analysis visualization and UI team.
- Member of development process improvement team.

Quality Assurance Team Leader, September 1996 – April 1999

- Redesigned and implemented automated test architecture.
- Implemented test plans and documentation for MATLAB features, especially Java, AppleScript, and ActiveX APIs.

Professional Development

Training

Introduction To Swift Programming, iOS App Development Basics, and App Design and Development for iOS by University of Toronto on Coursera. Certificates earned February - May 2016

Introduction to Ember, Tilde, Inc. April 2013

Programming Sites

GitHub: github.com/bobgilmore

StackOverflow: stackoverflow.com/users/887124/bob-gilmore

Education

MS, Physics, University of California, San Diego

BS, Physics, University of Rochester. ΦBK, Stoddard Prize (Senior Thesis) in Physics.