# Jesse Earle

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*Polyglot software developer with experience building full stack web applications and native mobile applications specializating in service-oriented architectures and single purpose modules.*

**Languages** Objective-C, JavaScript, Swift, CSS, HTML, Stylus, Jade

**Frameworks** ObjectiveSugar, Lockbox, FBSDKCoreKit, FBSDKLoginKit, Adjust, AFNetworking, Alamofire, PromiseKit, OCMapper, RestKit, Ember, AngularJS, Node.js, Express, Mocha, Chai, Browserify, Gulp

**Databases** Postgres, MySql, Mongodb

# Work History

#### Consulting 12/2015 - Present)

*Goldman Sachs*

**Gulp**

* Developing a firm wide build tool for their internal frontend JavaScript products.

#### Consulting (09/2015 - 11/2015)

*Shutterstock*

**Sinatra, PayPal API**

* Built their internal PayPal Express Payment API for their Sinatra based e-commerce payment gateway.

#### MallHawk, Inc (09/2014 - 09/2015)

*Software Engineer/Lead iOS Developer*

**ObjectiveSugar, Lockbox, FBSDKCoreKit, FBSDKLoginKit, Adjust, AFNetworking, Alamofire, PromiseKit, OCMapper, RestKit**

* Built version 1 of I Wanna, a location based application that suggests where to go and offers discounts at participating vendors along the way.

**Ember, Ember CLI**

* Built version 1 of MallHawk. A marketplace for local vendors to compete with online retailers in an automated reverse auction.

#### Consulting (07/2014 - 07/2015)

*People Tools*

**AngularJS, Node.js, Gulp, Browserify, WordPress**

* Built SOA on top of WordPress JSON API.
* Built SPA with Angular to interact with WordPress JSON API.

#### Consulting (03/2014 - 09/2014)

*High5Games*

**AngularJS, Node.js, Mocha, Chai, Gulp, Browserify, WordPress, Bootstrap**

* Built API for filtering, sorting, and searching game data.
* Built API driven web UI for filtering, sorting and searching game data.
* Built UI framework for serving ads.

#### Shopbeam (03/2013 - 03/2014)

*Senior Software Developer*

**AngularJS, Browserify, Node.JS, Express, Stylus, Jade, Sequelize, Postgres, Redis**

* Built infinite scrolling dashboard for content publishers.
* Built AWS S3 Node.js module for streaming and storing images on S3.

#### Consulting (06/2013 - 09/2013)

*Philosophy IB*

**AngularJS, Python, Django, D3.js, Neo4j, Bootstrap**

* Built SPA dashboard.
* Built data visualizations into dashboard.
* Built REST API server.

#### Consulting (05/2013 - 07/2013)

*Her Life, Her Legacy*

**WordPress**

* Built website.

#### Consulting (04/2013 - 06/2013)

*Anviro Contractors*

**Wordpress**

* Built website.

#### Propeller Communications (09/2012 - 03/2013)

*iOS Development Manager*

**Objective-C, Node.JS, Express, Mocha, Stylus, Jade, NGiNX, Redis, MongoDB, Ruby, Padrino, CSS, HAML, MySQL**

* Managed small team of developers.
* Estimated scope, assigned tasks and consulted with clients.
* Built content dissemination iOS application and web portal.
* Built point of sale iOS application and web portal.

#### ICC Lowe Thermal (03/2011 - 09/2012)

*Senior Software Developer*

**Objective-C, Ruby, C#, MonoTouch, Surface 2.0 SDK, Express, RoR, CSS, HAML, JSON, MySQL**

* Built multiple content dissemination playlist iOS application using Cocoa and MonoTouch.
* Built a 4 player touch table game for the Microsoft Surface (now called PixelSense).
* Built multiple websites and e-detailers.

#### Consulting (08/2012 - 12/2012)

*Soleil Events*

**Slim, Bootstrap**

* Built CMS and website.

#### Consulting (04/2012 - 06/2012)

*Jamie Faletti*

**JavaScript, HTML, CSS**

* Built website.

#### Consulting (11/2012 - 5/2013)

*Enlighten Next*

**JavaScript, HTML, CSS**

* Built templates & website.

#### Consulting (05/2012 - 06/2012)

*Music Architects*

**SoundManager2**

* Built music player.

#### Enterprise Systems & Services, Rutgers University (03/2010 - 03/2011)

*Software Developer*

**Dojo, Java, SpringMVC, Oracle**

* Built Rutgers' frontend Undergraduate Admission application.

#### Chromecell (09/2009 - 03/2011)

*Programmer*

**Python, wxPython, COM**

* Built cell line lineage tracker for the robotics department.

# Open Source

#### [Jada](https://github.com/jearle/jada)

**Node.js, Mocha, Chai, Gulp, Browserify**

* Jada is a simple, lightweight library for storing data. It does not update localStorage, nor does it provide hooks for syncing data to a server. It simply gets and sets data, and provides hooks for listening to when data has been set both before and after.

#### [Mak Edit](https://github.com/jearle/mak-edit)

**Angular, Ace, Browserify, Marked**

* A simple embeddable widget for writing markdown documents with a live preview for the ouput html.

#### [rjson-search](https://github.com/jearle/rjson-search)

**Node.js, Mocha, Chai**

* A recursive JSON search for words anywhere within the structure.

#### [Jobject](https://github.com/jearle/jobject)

**CoffeeScript, Mocha, Should**

* A class that adds properties to your class that are easily overriden and maintain direct accessors. Similiar to objective-c @property and @synthesize.

#### [File Downloader](https://github.com/jearle/file-downloader)

**Java**

* A simple asynchronous file downloader written in Java.

# Education

*Rutgers, The State University of New Jersey (2006-2010)*