

## Nathan Friedly

Smart, driven full-stack web developer. Dedicated to simplicity, UX, leadership and mentoring. Over 15 years' experience working with teams, on brands from Sunny Delight to Ticketmaster to NFL. Shipped products that serve millions of users daily.

Primary expertise in JavaScript and Node.js: Built AJAX-driven web apps before jQuery existed, contributed to Node.js core, created dozens of NPM modules, and ranked in the top 1% of JavaScript developers worldwide<sup>1</sup>.

Experience with frameworks and libraries including Express, AngularJS, React, Ember.js, Backbone.js, and many others.

Additional experience with Java, Python, Ruby, C#, C++, and interest in Rust, Go, Elixir, Erlang, Swift, Elm and other languages.

**Select Work Experience**      More at <http://nfriedly.com/portfolio>

### Advisory Engineer, IBM Watson

8/2014 – present

- **Node & Speech JS SDKs** – easy, idiomatic APIs; extensive automated testing
- Web and IoT demos with **Express, AngularJS, Arduino**, and more
- **Mentored** individuals and provided **Technical Leadership** and advice
- Gave **Presentations** and hosted **Hackathons** for RoboUniverse, Tech Crunch Disrupt, World of Watson, Best Buy, and others
- **Tooling & Automation** improving performance, reliability, and ease of use
- Developer Cloud website – assisted redesign, **improved performance by 15x**

### Principal Engineer, Sociable Labs

4/2010 – 8/2014

- **Built front-end framework** – app placement, communication, A/B tests
- **Developed apps** – Targeted Referral, Activity Stream, Gallery, others
- Implemented automatic Jasmine BDD unit **tests of JS on every commit**
- Supported growth from zero to nearly a **billion API requests** per month

### Owner, nFriedly Web Development

6/2004 – 4/2010

Worked on wide range of projects for clients including:

- **BMW Invoice** – Online order customization and inventory management
- **Atari** – Mini-games and parental controls for the Back Yard Sports series
- **Sunny Delight** – Supported the Sunny D Book Spree promotion website

### Lead Developer, iBoomerang.com, Inc.

2/2005 – 8/2008

- **Agency BackOffice** – Insurance agency reporting and management
- **Email Template Tool** – AJAX-driven web app for agent-to-client emails
- **E-Commerce integration** – Auto-setup accounts for purchased products

### Education

**BS Software Development**

University of Cincinnati. Graduated with Honors

June 2011

**AAS Web Development**

Sinclair Community College. Graduated with Honors

June 2007

**AAS Network Engineering**

Sinclair Community College. Graduated with Honors

June 2007

1. Rankings by Elance.com. Recorded in 2013, 2014, and 2015. <http://nfriedly.elance.com>

## JavaScript Expert

937.409.1337

[nathan@nfriedly.com](mailto:nathan@nfriedly.com)

[www.nfriedly.com](http://www.nfriedly.com)

[github.com/nfriedly](https://github.com/nfriedly)

## Side Projects

### Space Jump

A JS/canvas game I built over a Christmas vacation – keyboard control on desktop and touch/tilt on mobile.  
[nfriedly.github.io/space-jump/](http://nfriedly.github.io/space-jump/)

### Coin Allocator

Automated Bitcoin trading bot. Earned a small profit.  
[github.com/nfriedly/coin-allocator](https://github.com/nfriedly/coin-allocator)

### Tipp JS

JavaScript meetup I started in Tipp City in 2012. My presentations included Node.js, Jasmine, RequireJS, Raspberry Pi. Later joined forces with Gem City JS.

### Express Rate Limit

A simple rate-limiting middleware for Express that turned out to be my most popular module ever.  
[npmjs.com/package/express-rate-limit](https://npmjs.com/package/express-rate-limit)

### Unblocker

Extensible, high-performance Node.js library for fetching and rewriting remote websites.  
[npmjs.com/package/unblocker](https://npmjs.com/package/unblocker)