

## Nathan Friedly

Smart, driven full-stack developer with a passion for simplicity and UX. More than a decade of experience working on hundreds of websites from Sunny-D to Ticketmaster to NFL. Shipped code that serves millions of users daily.

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

Additional experience with Java, Python, Ruby, C#, C++, and some familiarity with Go, Swift, Scala, and other languages.

Some DevOps experience managing Linux servers on Heroku and EC2 and a range of databases from PostgreSQL, to MongoDB to Redis.

### Select Work Experience

More at <http://nfriedly.com/portfolio>

#### IBM Watson

Advisory Engineer

8/2014 – present

- **Watson Developer Cloud Website** – automated workflow, improved performance with static site generation
- **Node.js SDK** – idiomatic APIs, automated tests, lots of examples
- **Internal Tooling** to launch new services, replay logged traffic, display stats
- **Presentations** at RoboUniverse, Disrupt SF, World of Watson, others
- Built demos with **Express**, **AngularJS**, **Arduino**, **ESP8266**, and more

#### Sociable Labs

Principal Engineer

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

#### nFriedly Web Development

Owner

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

#### iBoomerang.com, Inc.

Lead Developer

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 Ninjaneer

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<http://nfriedly.com>

<https://github.com/nfriedly>

### Side Projects

#### Space Jump

A JS/canvas game I built one Christmas vacation – keyboard control on desktop and touch/tilt on mobile.

<http://nfriedly.github.io/space-jump/>

#### Coin Allocator

Automated Bitcoin trading bot. Early stage but already moderately profitable.

<https://github.com/nfriedly/coin-allocator>

#### Tipp JS

JavaScript meetup I started in 2012. Presentations included Node.js, Jasmine, RequireJS, Node on Raspberry Pi. Has since joined forces with Gem City JS.

#### Google PageRank Tool

Web app built with Node.js Backbone.js, Browserify, Bootstrap, and Redis.

<http://pagerank.nfriedly.com/>

#### Unblocker

Extensible, high-performance Node.js library for fetching and rewriting remote websites.

<https://www.npmjs.com/package/unblocker>