

## Nathan Friedly

Smart, driven engineer and leader. Built companies and products from the ground up, managed remote teams, and shipped software used by millions.

Recognized expert in JavaScript/Node.js/web development. Contributed code to Node.js core, and ranked in the top 1% of JS developers worldwide.<sup>1</sup>

Wide breadth of experience in related fields such as AI, DevOps, IoT, UX and languages including C#, Ruby, Python, Go, Rust, and others.

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

### Advisory Engineer, IBM Watson

8/2014 – present

- **Led teams** split across multiple sites and, occasionally, multiple companies
- **Node & Speech JS SDKs** – easy, idiomatic APIs; extensive automated testing
- Web and IoT demos with **Express, AngularJS, React, Arduino**, and more
- **Mentored** individuals and provided **Technical Leadership** and advice
- Gave **Presentations** and hosted **Hackathons** for Devovx, Tech Crunch Disrupt, RoboUniverse, 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

- **Led front-end engineering team** building apps with **AngularJS**
- Supported growth from zero to over a **billion API requests** per month
- Worked **full-stack** with JavaScript, Java, PostgreSQL, Memcached, etc.
- Implemented extensive **analytics** and **A/B testing**, performed **data analysis to drive product improvements**
- Set up **automated testing** and created numerous tests

### Owner & Principal, nFriedly Web Development

6/2004 – 4/2010

Founded company, managed team spanning multiple continents, and delivered world-class results for clients including:

- **BMW Invoice** – Order customization and inventory management backend
- **Atari** – Mini-games and parental controls for the Back Yard Sports series
- **Sunny Delight** – Supported the SunnyD 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** – Automated setup process 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.

### JavaScript Expert

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[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 Meetup

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)