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. [1]

Wide breadth of experience covering AI, DevOps, Data Science, IoT, UI/UX and languages including C#, Ruby, Python, Go, Rust, HTML, CSS, and others.

Interested in an engineering leadership role long-term, but happy to do whatever needs done - from programing to sales to sweeping floors.

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
- **Mentored** individuals and provided **Technical Leadership** and advice
- **Node.js & Speech JS SDKs:** easy, idiomatic APIs; extensive automated testing
- Web & IoT demos with **AngularJS**, **React, Arduino, Raspberry Pi**, etc.
- Presented at **Devoxx**, **Tech Crunch Disrupt**, **RoboUniverse**, and other events
- Developer Cloud website – assisted redesign, **improved performance by 15x**

Founder, Incline Digital LLC   6/2004 – present
- Managed a **world-wide team** of designers and developers
- **Increased profits by more than 5x** for *What's My User Agent?*
- Website and marketing for *True Tile* that directly **grew sales by 30%**
- Order customization and inventory management for **BMW** Invoice
- Mini-games and parental controls for **Atari**'s Back Yard Sports series
- Online components for **Sunny Delight**'s SunnyD Book Spree promotion

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.
- **Analytics**, **A/B testing**, and **data science** to **drive product improvements**
- Set up **automated testing** and created numerous tests

Lead Developer, iBoomerang.com, Inc.   2/2005 – 8/2008
- **Agency BackOffice**: Insurance agency reporting and management web app
- **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.

Engineering Leader

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www.nfriedly.com

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/

Coin Allocator
Automated Bitcoin trading bot. Was profitable until Cryptsy was hacked and lost all of the coins ☹
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.
http://gemcityjs.com/

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

Unblocker
Extensible, high-performance Node.js library for proxying and modifying websites.
npmjs.com/package/unblocker