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[1].

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

Advisory Engineer, IBM Watson   8/2014 – present
- **Node & Browser JS SDKs** – easy, idiomatic APIs; great docs & examples
- Built demos with **Express**, **AngularJS**, **Arduino**, **ESP8266**, and more
- **Internal Tooling** to launch new services, replay logged traffic, display stats
- **Presentations** at RoboUniverse, Disrupt SF, World of Watson, others
- **Watson Developer Cloud Website** – automated workflow, improved performance with static site generation

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

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JavaScript Expert

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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