

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, IoT, Data Science, UI/UX and languages including C#, Python, Go, Rust, HTML, CSS, and others.

Select Work Experience

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

Staff Software Engineer, FullStory

11/2019 – present

- **Android** and **iOS** mobile development in **Rust, Java, Objective-C**, and **JavaScript** for frameworks such as **Ionic, React Native**
- **Reduced bandwidth usage by over 90%** by improving image handling
- Full-stack web development in **TypeScript** and **Go**

Senior Software Engineer, Tanium

12/2017 – 10/2019

- **Web** and **Systems development** with Node.js, AngularJS, React, C++, Python
- **Scaled** features to handle millions of endpoints with sub-second response times
- **End-to-end testing** (e2e) that included creating **fully virtualized networks**
- Provided **mentoring, security training**, and code reviews

Advisory Engineer, IBM Watson

8/2014 – 12/2017

- **Led** teams, **mentored** individuals, and gave **training** sessions
- Shipped **node.js** and **Speech JS SDKs** with clean APIs and extensive testing
- Presented at **Devoxx, Tech Crunch Disrupt, RoboUniverse**, and other events
- Developer Cloud website – assisted redesign, **improved performance by 15x**

Principal Engineer, Sociable Labs

4/2010 – 8/2014

- **Led front-end engineering team** with JavaScript and AngularJS
- Grew API to **>1 billion requests/month** with Java, PostgreSQL, & Memcached
- **Analytics, A/B testing**, and **data science** to **drive product improvements**
- Set up **continuous integration** and authored a suite of automated tests

Founder, Incline Digital

6/2004 – present

- Managed a **world-wide team** of first class designers and developers
- Websites, apps, games, automation, and other projects for **BMW, Atari, Cincinnati State University, Sunny Delight**, and many other brands

Lead Developer, iBoomerang

2/2005 – 8/2008

- Led team building an insurance-focused SAAS product with sales tracking, leaderboards, appointment reminders, templated websites for agents, and more

Education

BS Software Development
AAS Web Development
AAS Network Engineering

University of Cincinnati. Graduated with Honors.
Sinclair Community College. Graduated with Honors.
Sinclair Community College. Graduated with Honors.

Engineering Leader

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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/

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

Coin Allocator

Automated Bitcoin trading bot. Was profitable until the exchange got 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/>

Unblocker

Extensible, high-performance Node.js library for proxying and modifying websites.

npmjs.com/package/unblocker

June 2011

June 2007

June 2007

1. Rankings by Elance.com, recorded in 2013, 2014, and 2015.