Dan Levy

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Devout Coder

■ Effective Perfectionist Dev Consulting Performance Solutions

Teacher & Mentor

Open Source Fan

Professional Overview

Dan has 15 years of extensive professional software experience. Including expert UI/UX analysis, coaching/mentoring, team management, architecture & design, performance profiling, and security audits.

As an active contributor to numerous Open Source projects, Dan has established himself as a unique problem solver, responsive to feedback, ever learning. From the significant scope & range of his projects, Dan pulls from a deep bench of experience to apply the best strategy or tool in any given circumstance. Dan closely follows changes across the Information Technology landscape: learning new languages, methodologies, patterns, and adapting to different code styles.

A strong desire to collaborate & share knowledge led Dan to become a Docker Mentor, often engaging in discussions on Github.com and their Slack forum. Last year Dan joined the NodeJS Team as a Member/Contributor and has shown a penchant for advancing his JavaScript proficiency.

With 4+ years of DevOps experience on several cloud providers, in mixed cloud, hybrid cloud, and even private cloud, Dan has a proven track record leading migrations and scaling efforts.

In his free time Dan tinkers with hobbyist micro-electronics (Arduino and Raspberry PI). As a competitive coder, he's been ranked at #150 in 'Statistics and Machine Learning' at www.hackerrank.com.

Dan writes on various sites across an extensive subject range, from programming patterns, language design, virtualization, scaling, security, robotics, Kanye West, US and British colonial history, and the value of a well placed Oxford Comma.

Core Competencies

Advanced	Intermediate	Novice
 JavaScript/NodeJS Docker/Rancher HTML5/CSS3 ReactJS/ReactNative Angular SQL Optimization REST API Design Schema Design Browserify/WebPack Performance/Tuning Bash/sh Scripting 	 Gulp/Grunt Git/Github Ansible Scalable Architecture Defensive Coding Security Analysis Python Test Automation Drone CircleCI Jenkins 	 Ruby Vagrant Chai Gerkin Rust R Haskell Go Julia

Work Experience

Senior Engineer - Elastic Suite (January 2016 - May 2017)

- Managed rapid growth as server count increased from 5 to 200.
- Implemented Continuous Integration pipeline.
- Reduced overall server operating costs with Docker and Rancher.
- Oversaw security risk assessment & mitigation.
- Provided training & mentoring to growing development team.

Lead Developer - Property X-Ray (December 2013 - Present)

- Conceived and created new technology platform for the Title Insurance industry.
- Completed bi-annual security audits w/ partners.
- Created hybrid product, both cloud and on-premises.

CIO – Core Title Colorado, LLC. (Dec. 2013 – Nov. 2016)

- Designed a new kind of all-encompassing digitized workflow. *Title Insurance was stuck in the 90's*.
- Met requirements from ever changing regulations.
- Consulted with partners on product design, functionality and implementation.
- Developed an in-depth technology strategy.
- Led tech transition during acquisition.

Lead Architect - Hillside Software, Inc. (15 Years - Mar. 1999 to Sep. 2014)

- Hired and trained developers and IT personnel.
- Implemented entire new products and features.
- Oversaw ongoing product maintenance and bug fixes.
- Maintained SLA/performance.
- Validated security with internal/external audits.

Education

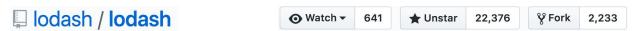
University of Denver (August 2002-2003, 2006-2007)

Major: Business Law (Please don't hold it against me, I build things now)

Minor: Philosophy, US & British History, and Organic Chemistry.

Before completing all required credits, Dan was drawn into the startup lifestyle - with complete dedication (dropped out).

Open Source Contributions



A modern JavaScript utility library delivering modularity, performance, & extras. Lodash is one of the most successful JavaScript libraries ever. Beating the likes of Underscore and jQuery.

Contributions: Extended ArrayBuffer support, in collaboration with <u>John</u> David-Dalton.



NodeJS helped boost JavaScript into being the 'most ubiquitous language.'

Contributions: Dan has provided key feedback & code on the URL parser re-design & strategy. As a contributing member of the organization, he regularly consults with Core team members.

Watch ▼

Watch ▼

Watch ▼

245

Watch ▼

2,183

3,179

Unstar

★ Unstar

★ Unstar

★ Unstar

33,187

41,081

11.343

6,969

♀ Fork

ÿ Fork

6,251

12,409

¥ Fork 1,479

ÿ Fork

1,172

docker / docker

Docker is an open platform for developers and sysadmins to build, ship, and run distributed applications, whether on laptops, data center VMs, or the cloud.

Contributions: Dan enhanced OS detection in the install script. Dan was recently named a Docker Mentor and can often be found helping at local meetups.

gruntjs / grunt

Grunt is one of the most successful build tools in the NodeJS ecosystem.

Contributions: Working closely with Dave Methvin, Dan improved the user experience around the console output & 3rd party tools.



Nodejitsu's popular HTTP Proxy library is used in 100's of libraries on NPM.

Contributions: Nodejitsu's founder, Charlie Robbins, worked with Dan and others addressing documentation omissions.

Automattic / mongoose



Mongoose is one of the most popular Object Data Model libraries for MongoDB.

Contributions: Working with project leaders, I used github.com to discuss and identify desired API specification for extending the base classes *Model* and *Query*. I implemented the features & required tests working together with Valeri Karpov (of MongoDB) and others.

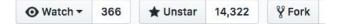
isonresume / resume-cli



Resume CLI is the command line tool for JSON Resume, the open source initiative to create a JSON-based standard for resumes.

Contributions: Dan aided in simplifying command line options & enhancing documentation.

petkaantonov / bluebird



Bluebird is one of the most widely used replacement for native Promises.

Contributions: Dan has submitted several PRs over the years, and is a vocal proponent of better Promise usage.

kofrasa / mingo



Mingo harnesses the power of MongoDB-style queries and allows direct querying of in-memory javascript objects in both client and server-side environments. This library is self-contained and has zero-dependencies

Contributions: Performance overhaul improved performance in tests 70%. Completed over a long weekend; a series of PRs highlights Dans potent ability to quickly demonstrate various 'competing' patterns to project stakeholders.

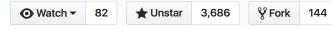
prancher / rancher



Rancher is a powerful Docker administration platform.

Contributions: Aided in the resolution of a number of issues, touching on storage, upgrades and scaling.

camwiegert / in-view



In-view is a widely used library for reliable DOM position information across many mobile and desktop platforms/browsers.

Contributions: Submitted code to aid in resolving edge issues with the Safari browser.

Achievements

2016 - HackerRank.com – 1,000's of developers actively competing

Artificial Intelligence	Algorithms	
Rank: 148	Rank: 10,546	
CHINE LEARNING THE	AL GORITHMS	
72nd Percentile	52nd Percentile	

2016, Summer - The inventor of JavaScript, Brendan Eich, liked a tweet of mine about JavaScript architecture & language design!