

Ian Epperson

(he/him)

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Veteran software engineer with 20 years of experience in management, web programming, and home automation is seeking an opportunity to work with a great team on exciting projects.

Skills

- Accomplished engineering manager, yet very comfortable performing individual contributor work.
- Adept at Python and Javascript (Node.js), with Typescript, C#, Ruby, SQL, PHP, Go, Perl and C experience.
- Worked with various web frameworks, including Django, React, Ruby-on-Rails, Pyramid, Flask and more.
- Experienced with MySQL, Redshift, MongoDB, CouchDB and PostgreSQL. (Curious about Neo4J.)
- Broad skills in different control systems - Crestron, AMX, Control4 (including DriverWorks / Lua programming), RTI, Elan and others.
- Knowledgeable network engineer (prior CCNA certification) with Unix experience
- Co-inventor on three patents: [video-touch interface](#), [music transitions](#), and [child remote](#).

Experience

Eppx RPG System - <http://eppx.com>

March 2020 - present

Founder / CTO

Working to establish a new kind of automated role playing game system.

- Built out models and designs for a game platform based on Pyramid and PostgreSQL, using a GraphQL API, deployed in a Docker container.
- Built a React Native based app to consume the API and interact with the player.
- Built and open-sourced an async-friendly [file storage library](#).

Qwil - San Francisco, CA

January 2019 - February 2020

Director of Engineering / Staff Software Engineer

Initially hired as an individual contributor where I worked on the growth team to provide required features for new partnerships. Promoted to Director of Engineering to accelerate development and focus all teams on faster delivery.

- As Director, successfully introduced new patterns for delivering value; features that had been taking 3-5 weeks were complete in 3-5 days while increasing developer happiness.
- Managed 15 direct reports.
- As an Engineer, updated the "asset tape" API to add required features and improve speed. Brought API response time down from 30 seconds to 0.8 seconds which salvaged a critical partnership.
- Added multi-tenancy to the API to allow API-only clients to "white-label" Qwil's services.

Prezi - San Francisco, CA

October 2017 - October 2018

Senior Software Engineer

Worked with the "Bay Bridge" team to support Sales and Marketing. Supported web pages that see millions of views per day.

- Wrote several CMS plugins to allow the marketing team to quickly deploy custom pages.

Experience

(continued)

- Built API for the Prezi transcript service which radically improved SEO.
- Chartered a Prezi Toastmasters club to improve staff presentation skills.

MotionLoft - San Francisco, CA

May 2017 - September 2017

Software Engineering Team Lead

Brought Agile concepts to a small team to improve efficiency and predictability of the web development process. Redesigned and rewrote the backend infrastructure to use Redshift for radically improved stability and much faster query response times.

TownSquared - San Francisco, CA

November 2015 - March 2017

Engineering Manager / Senior Software Engineer

Managed a team that was responsible for member retention (the "Keepers" team) while also performing IC work.. Added features and cleaning up technical debt across a micro-services architecture that included Ruby-on-Rails, Node.js and Python using MySQL, MongoDB and PostgreSQL databases.

- Updated new user DB addition to go from 2 minutes per user to less than a second.
- Rewrote the Node.js "emails-app" to make it maintainable and to eliminate serious bugs. Productivity within the app went from 2 weeks for a medium change to 1-2 days for all engineers.
- Built out the local development Vagrant environment which allowed new engineers to be productive within a day.

For several years after leaving the US Navy, I worked for various home automation companies before moving into web development in 2015:

Jetson Systems - Owned by Engineered Environments, then sold to Grassy Creek, LLC

April 2010 - October 2015 : *Software Engineering Team Lead*

Kaleidescape, Inc. - Sunnyvale, CA

August 2004 - February 2010 : *Senior Software Engineer*

Axiom Design, Inc. - Pleasanton, CA

June 1999 - August 2004 : *Senior Technologist*

Thorburn Associates - Castro Valley, CA

February 1997 - June 1999 : *Embedded Systems Programmer*

US Navy - USS John S McCain (Destroyer DDG-56)

February 1994 - February 1997 : *Electronic Warfare Petty Officer*

Guarded the ship against missiles while detecting other ships and aircraft. Deployed for Operation Desert Storm.

Other Interests

- Air-cooled Volkswagens
- Toastmasters (president for 2 years)
- Burning Man art projects
- Camping and snow sports
- Soccer (previous youth coach)
- Open-Source Software