

Ian Epperson

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

Skills

- Adept Javascript (Node.js) and Python programmer, with Typescript, C#, Ruby, SQL, PHP, Go, Perl and C experience.
- Worked with various frameworks, including React, Ruby-on-Rails, Pyramid, Django, 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.
- Capable network engineer (prior CCNA certification) with Unix experience
- Sales Engineering experience: system design assistance, technical training, trade show tech setup, customer product demonstrations and support escalations.
- Co-inventor on three patents: [video-touch interface](#), [music transitions](#), and [child remote](#).

Experience

Prezi - San Francisco, CA

October 2017 - present

Senior Software Engineer

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

- Wrote several CMS plugins to allow Marketing team to quickly deploy custom pages.
- Built API for the Prezi transcript service which radically improved SEO.
- Introduced code coverage tools to the organization.
- Chartered a Prezi Toastmasters club to improve staff presentation skills.

MotionLoft - San Francisco, CA

May 2017 - September 2017

Senior Software Engineer

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

TownSquared - San Francisco, CA

November 2015 - March 2017

Senior Software Engineer

Led the team that was responsible for member retention (the "Keepers" team). Added features while cleaning up technical debt across a micro-services architecture that included Ruby-on-Rails, Node.js and Python using MySQL, MongoDB and PostgreSQL databases. Managed a team of 4 engineers for several months while the organization was hiring a new VP of Engineering.

- Updated new user DB addition to go from 2 minutes per user to less than a second.
- Rewrote the "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.
- Added automated testing and automated code coverage reports.

Experience

(continued)

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

April 2010 - October 2015

Software Engineering Team Lead - at Grassy Creek

Led the team that programs and maintains smart home installations at the Grassy Creek properties, as well as building a web portal called PLM to merge home controls, wealth management and property data.

- Designed and built a C# based control system running on Crestron's hardware.
- Helped implement a web backend using Pyramid and CouchDB.

Senior Software Engineer - at Engineered Environments (same Jetson team, different tasks and focus)

Programmed smart homes for high net-worth clients.

Kaleidescape, Inc. - Sunnyvale, CA

August 2004 - February 2010

Senior Software Engineer

Managed control system partner relationships, wrote product API and wrote control system libraries with associated documentation. Performed the duties of a Sales Engineer.

Axiom Design, Inc. - Pleasanton, CA

June 1999 - August 2004

Senior Technologist

Designed and programmed large home integrated systems for design/programming firm. Responsible for all IT needs for many years.

Monterey Bay Aquarium - Monterey, CA

December 1999 - present (periodic)

Contractor - Control Systems Expert

Program and maintain the control system for several exhibits including the main auditorium.

Thorburn Associates - Castro Valley, CA

February 1997 - June 1999

Embedded Systems Programmer

Programmed commercial controls systems and maintained the IT infrastructure at the office.

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

February 1994 - February 1997

Electronic Warfare Petty Officer

Guarded against missiles and detected other ships and aircraft. Deployed for Operation Desert Storm.

More details at <https://www.linkedin.com/in/ianeperson/>

Other Interests

- Air-cooled Volkswagens
- Toastmasters / Public Speaking
- Burningman art projects
- Camping and snow sports
- Soccer (previous youth coach)