Jason Nedell

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(720) 346-4969
Boulder, CO

Neurotic engineer, constantly annoying his girlfriend with a variety of ~~dumb~~ *awesome?* projects.

Pinecone Industries Limited, Co-Founder / Lead Developer

The Donor Sibling Registry
Spring 2017 - Winter 2019

Non-profit dedicated to educating, connecting and supporting donor families

Worked closely with discerning client on a full redesign of a legacy web application.

Architected an unmaintainable amalgamation of code into modern, cohesive, maintanable codebase.

Transformed confusing and antiquated user interface into modern, standards-based webapp.

Bellwether Coffee
Summer 2018 - Summer 2019

IoT, smart controlled, ventless artisan coffee roaster

Oversaw design, UX, and development of admin panel, business dashboard, and companion iPad app.

Worked with firmware engineer to diagnose and repair entire communication chain between web and roaster hardware microcontroller.

Various
Summer 2003 - Current

Created custom, modular WordPress, Drupal, Laravel, etc site for rapid, cost-effective deployments.

Design and code custom php / sql apps, following maintainable MVC and OO design principals.

SparkFun Electronics, Developer
Summer 2012 - Winter 2016

Online retailer of electronics for hobbyists and educators.

Developed features and maintenance of custom php / postgres ERP web application.

Worked on complex projects in code with high technical debt and lost domain knowledge.

Collaborated with non-technical stakeholders to define realistic requirements

Transformed requirements into specifications, with an eye for rigor and maintainability.

Aimed for future maintainability by establishing boilerplate and best practices.

Interfaced with ops in developing continuous integration, unit test and deploy procedures.

Acted as standing Director during turbulent transitional period—provided day-to-day structure, and worked with Director suite to develop interview process for new Director.

Eetrex, Mechanical Engineer / IT
Autumn 2009 - Summer 2012

Early stage high-voltage power electronics and battery systems.

Worked on small EE team to prototype and manufacture mechanicals of high-voltage battery systems.

Designed, deployed, and managed IT solutions—networking, security, VPN, backup & recovery, Google Apps...

Lingoport, Software Engineer Consultant
Summer 2007 - Autumn 2009

Early stage high-voltage power electronics and battery systems.

Rapidly acclimated to mammoth legacy client codebases, and re-factored for localization readiness.

Developed product, including UX, prototyping, and implementation. Instantiated QA process, including test design, implementation, automation, and debug.