Eric Drechsel

Crafter of fine web applications.
eric@pdxhub.org | **edrex** | **edrex** | **in edrex**
Portland OR | +15036090837

Proficiencies

- Develop performant, responsive web apps using modern browser technologies such as Flex Box, CSS3 Animations, Web Sockets, and IndexedDB.
- Create UI and UX design documents and continually fine-tune user experience.
- Build layered, modular network services in Ruby, Python, Go, and Node.js.
- Keep projects healthy through code review, testing, and pairing.
- Collaborate with stakeholders to plan, prioritize, and deliver key features in regular iterations.

Qualifications

- Draw from 15 years experience in project management, user experience design, customer support, and hosting operations.
- Autodidactic learner: patterns over technologies. Research and open source collaboration.

History

- **Sabbatical** (Aug 2013—) Continuing my studies in Particle Physics and Information Science through online courses and collaborations, creating **Pillowfork**, a real-time, content-addressible storytelling tool using Angular/IndexedDB, contributing Go and React.js patches to the filesystem and web interfaces of the **Camlistore** personal storage system, and taking deep dives into HTML5+CSS3.
- **Software Engineer, Janrain** (May 2012—July 2013) Architected and built a Rails **customer dashboard** unifying various existing tools into a cohesive experience. Created provisioning APIs in core products and integrated with Zookeeper distributed configuration registry. Designed and built web UI and REST APIs for team management service using AngularJS, Scala, and Riak.
- **Indie Creator, PDXHub** (2006—2012) Produced engaging and hard-working web applications and media campaigns for clients. Project roles:
  - Lead development of **ActivateHub**, event promotion and aggregation platform.
  - Built a Drupal/jQuery faceted browsing UI, text translation tool, and image/video asset manager for Nike's **2008 Summer Olympics campaign** with **Sticky**.
  - Lead development of **SERPs**, a PHP web traffic data aggregation and analysis product.
  - Created a rich web UI in Backbone.js for **Checkmarkable**.
  - Built a multi-segment activity-scheduling UI in Javascript/Closure Library and Rails for **Revelation**.
- **Information Architect, PSU Communications** (Nov 2005—Feb 2008) Architected a bubble-up content aggregation workflow for news, events, and faculty profiles. Developed and supported PSU Drupal distribution bundling reusable content types, views, workflows, and a customizable theme based on the University style guide.
- **BS Mathematics, Physics minor, PSU** (2005—2010) Explored topics in algebra, analysis, and statistical mechanics through computer modeling.
- **Developer, Oregon Catholic Press** (Aug—Nov 2005) Developed a Drupal-based **music and video portal**.
- **Systems Administrator, Portland Public Schools** (Apr-Aug 2005) Provisioned Linux servers and operated services including Moodle, Drupal, Docuwiki, and JIRA.
- **Network Engineer, Pioneer Net** (Jan 2004—Feb 2005) Built and operated Linux web, email, and log servers and Cisco switching and traffic shaping hardware, monitored network health, provided tier-2 tech support, and developed a Drupal web portal.
- **Consultant, Umpqua Computer Services** (2000—2004) Created custom Drupal and Zencart ecommerce sites such as **MLB Marbled Fabrics**.