

## Experience

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**Mailchimp → Intuit** *Staff Software Engineer* Apr 2020 — May 2022

- Built a new ecommerce web app on Go, Cloud Run, Cloud Spanner, and gRPC
- Implemented Mailchimp Stores shopping cart and checkout
- Ensured code handling money and financial transactions was correct and reliable
- Tech Lead for Stripe payment processing integration for Mailchimp Stores
- Solved a long-standing architectural limitation around receiving webhooks to a sharded legacy stack with Cloud Run and PubSub
- Tech Lead for sales tax in Mailchimp Stores
- Mentored engineers through learning and effectively building on an unfamiliar tech stack

**Reaction Commerce** *Senior Software Engineer* Sep 2018 — Apr 2020

- Developed new advanced search capability with a real-time kafka to elasticsearch data pipeline implemented in clojure.
- Mentored engineers with emphasis on documentation, best practices, training, and pair programming.
- Launched a successful migration for Sports Direct sporting goods retailer.

**Peter Lyons LLC** *Node.js Expert Consultant* Jan 2014 — Sep 2018

- Ported a mission-critical video streaming service from PHP to Node.js for a subscription video business. (Gaia)
- Guided the engineering team into Node.js best practices, thorough unit testing culture, and JavaScript language idioms. (Gaia)
- Designed cost-efficient serverless AWS systems for an automotive industry client around Lambda, IoT, and event driven paradigms. (Fiat Chrysler)

**Trending** *Lead Developer* Oct 2012 — Jan 2014

- Tackled deep web issues including embedding multimedia resources, opengraph discovery, image processing, real-time notifications, discussions, and community moderation.

**Social Communication Company** *Web Developer* Feb 2012 — Oct 2012

- Developed web application for the Sococo Team Space video conferencing product.

**Opsware → Hewlett-Packard** *Software Design VI* Aug 2004 — Jan 2011

- Led team through overhaul of OS provisioning feature - slashing technical debt, reducing complexity, and providing an easier-to-use and more powerful feature with six times less code.
- Awarded US Patent 9037843 for the novel provisioning system I created.

## Projects

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**Slugger** Rust CLI to rename files to url-safe slugs Apr 2018 — July 2019

**Cody** Rust CLI to transcode common encoding formats Jun 2018 — July 2018

**Tealeaves** Self-study project at Recurse Center to learn rust and TLS certificates details Nov 2017 — Jan 2017

## Writing & Speaking

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**Pete's Points** Technical blog on programming. Over 150 articles. 2009 — Present

**Stack Overflow Answers** All-time #5 answerer for #Node.js with 1600+ answers & 140K reputation 2013—2017

**12-Factor Apps in Node.js.** BoulderJS Meetup, 1500 youtube views May 2015

## Community

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**Focus Retreat Center** *President* Passion project to support creativity and community Aug 2021 — Present

**Denver Rust Meetup Group** *Co-Organizer* Re-activated group and fostered community Feb 2018 — Feb 2020