

Experience

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
- 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 features for the open source Reaction Commerce platform.
- Focused on next-generation kafka streaming application architecture 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)
- Delivered a full-stack React/Java application for automating Kubernetes deployments. (OpenGov)
- Developed a web and email application for secure disclosure of security vulnerabilities. (NowSecure)

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

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

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

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