

# Andrew Noyes

Senior Software Engineer

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## EXPERIENCE

### Worker Owner & Engineer - **Unfrl coop**

January 2019 - Present

- Currently interfacing with local activists to develop a police accountability tool that will be run and moderated by the community.
- Worked with a client to build their MVP for a process builder and editor to standardize complex work instructions.
- Developed and open sourced our carpool web app for event organizers to list carpools that users can sign up to be drivers or passengers for.

### Senior Software Engineer - **Wisely**

March 2021 - November 2021

- Part of the sentiment team responsible for guest review aggregation, sentiment and trend analysis, and automated summary reports.
- Implemented the review context service for associating guest visit data with their online reviews.
- Worked closely with design to rebuild and ship the front-end for viewing, filtering, and responding to reviews.

### Senior Software Engineer - **PDQ.com**

October 2016 - January 2019

- Created the live webcast app and real-time API that supported chat, Q/A feed, and YouTube live integration.
- Led a small team to develop the custom forums and knowledge base that supported rich-text editing, version tracking and diff rendering, and an extensive commenting system.

### Lead Software Developer - **CivicMinder**

January 2016 - October 2016

- Built our Android and iOS apps for political engagement and news aggregation in React Native.
- Developed the backend services for user management, voter registration, link unfurling, and the news feed.

### Software Engineer - **ASEC Engineering**

October 2014 - January 2016

- Built an asset management system for linking PLS-CADD projects with manufacture drawings, GIS, 3D model rendering, and more.
- Gave a presentation on PLS integration and demoed the asset management system at the PLS user group meeting.

## PROJECTS

### **Cop DB** - .NET Core, React

Tool for community-based police accountability and incident tracking.

### **StepWise** - Node.js, React

Block-based process editor for creating dynamic, step-by-step work instructions and training programs.

### **Lively** - Node.js, React

Task management app with kanban/table views, and chat rooms with rich content support.

## SKILLS

### **Programming languages**

TypeScript, JavaScript, C#, SQL, Java, Python, Ruby.

### **Frameworks & libraries**

React, NestJS, .NET Core, Vue, Angular, Jest, xUnit, Django, Ruby on Rails.

### **Databases**

PostgreSQL, Redis, Elasticsearch, MongoDB.

### **Tools & platforms**

DigitalOcean, Firebase, AWS, Docker, Git, OpenAPI, Drone CI, Datadog, Sumologic.

## EDUCATION

### **Colorado State University**

2010 - 2014 // Fort Collins, CO  
Graduated cum laude with a Bachelor of Science in CIS.