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Andrew Krawchyk

Washington, D.C. — akrawchyk@gmail.com

TECH

- Current: Ruby, Rails, JavaScript, Vue, Kafka
- Past: Python, Django, Node.js, Express, React, Heroku, AWS (API Gateway, CloudFront, DynamoDB, Lambda, S3)
- Tinkering: Nim, TypeScript, Firebase, Netlify

EXPERIENCE

Optoro 2017–present

Senior Software Engineer

- Delivering successful enterprise solutions on cross-functional agile teams by building core product features for clients including Best Buy, Under Armour, Target, and Lowe's.
- Designing data-intensive and API driven applications in a service-oriented architecture.
- Leading the direction for cross-team front end architecture by growing adoption of the Vue JS framework and leading knowledge sharing meetings for collaborative learning.
- Mentoring junior developers and influencing the direction of the mentorship program in the Tech Mentors committee.
- Reduced the complexity of front end architecture by migrating to NPM
- Improved cross-project consistency which minimized developer overhead and code duplication by extracting and publishing reusable modules.
- Improved UX by reducing response times for Stock Transfer tool from 20+ seconds to under 3 seconds by restructuring the API.
- Automated [BULO.com](#) auctions saving 8+ hours per week of manual curating.
- Reduced warehouse receiving costs ~40% per unit by introducing Mass Receiving and Template Receiving, also reduced warehouse processing costs by implementing the Exceptions Research tool.

iStrategyLabs 2014–2017

Senior Web Developer

- Led a team of front end developers including code reviews, mentoring, and technical direction for projects and tooling.
- Interfaced with client stakeholders to determine requirements, estimates, and priorities for tasks.

- Wrote code and consulted for client Django and JS projects, collaborated with UX designers to build features.
- Worked with directors to screen candidates and interview and hire new teammates.
- Notable projects: Volkswagen Rival Road game (Phaser.io), Luden's Beatbox (React, Web Audio, Webpack), ServiceYear.org (Django, Backbone), P.A.W. dog tracker (Raspberry Pi w/BTLE, Node.js, Redis), FOSI.org (Django).

General Assembly

2014–2016

Front End Web Development (FEWD) Instructor

- Lead instructor for FEWD 5 & 18, taught web development basics in HTML, CSS, and JS.
- Professional JavaScript workshop instructor, taught applied JS with jQuery and AngularJS.
- Teacher's assistant for FEWD 17, met with students outside of class for tutoring and mentoring.

General Dynamics Information Technology

2012–2014

Web Developer

- Built dynamic user interfaces for API driven applications with jQuery and Backbone.
- Delivered high-quality multi-lingual news websites from designs.
- Collaborated with UX designers to create themeable component design systems.

EXTRAS

- Vue Conf 2019 speaker — [watch the talk](#)
- AddThis web performance webinar — [watch the presentation](#)
- CodePen DC: Web Audio: Basics to Beats — [slides](#)
- Refresh DC: Performance and the Pursuit of Butter — [slides](#)

EDUCATION

Denison University

2007–2011

- B.S., Computer Science