

# Adam Rasfeld

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## Summary

Full Stack Software Engineer with extensive experience building scalable web and mobile applications, optimizing systems, and crafting high-performance, user-friendly interfaces. Skilled in React, Next.js, Node.js, Ruby on Rails, and API integrations. Experienced in mentoring, cross-team collaboration, and delivering production-ready solutions that balance performance, usability, and security.

## Experience

FEBRUARY 2023 - PRESENT

### Seamless.AI, Columbus OH – *Software Engineer II*

- Enhanced the **Chrome Extension** (React, Node.js, Redux, PostgreSQL) with improved UX and new scraping workflows for accurate LinkedIn data capture and backend integration.
- Designed and shipped **dynamic, customizable datatables** with column selection, filtering, sorting, row selection, and bulk actions, streamlining user workflows.
- Built the “**Connect**” **workflow**, expanding the platform into campaign management with task sequencing, contact engagement via phone/email, and automated outreach through Gmail & Outlook OAuth integrations.
- Migrated the extension from **Manifest v2 to v3**, ensuring compliance with updated Chrome security and performance requirements.
- Fixed security vulnerabilities flagged by GitHub code scanning (regexes, dependencies), strengthening the platform’s security posture.
- Mentored a junior engineer and collaborated cross-team with backend and integrations groups to align feature development and resolve technical dependencies.
- Tools: **Node.js, React, Redux, PostgreSQL, Chrome Extension, Redis, Sequelize, rsuite**

SEPTEMBER 2021 - JANUARY 2023

### Upstart, San Mateo CA – *Software Engineer IV*

- Developed reporting APIs with **keyset pagination** to improve query performance.
- Supported migration from **monolithic Rails codebase** to **microservices** using **Kafka** for event messaging and **gRPC** for inter-service communication.
- Analyzed database ownership boundaries to define data ownership across teams.
- Integrated monitoring and feature management tools (DataDog, LaunchDarkly) to maintain reliability.
- Tools: **Ruby on Rails, Slim, ActiveRecord, PostgreSQL, Redis, Kafka, gRPC, LaunchDarkly, DataDog**

NOVEMBER 2020 - SEPTEMBER 2021

### Divisions Maintenance Group, Newport KY – *Software Engineer III*

- Built a new technician onboarding experience for **web (React)** and **mobile (React Native)** apps.
- Developed a **native module** enabling gRPC requests on Android and iOS.

- Led the creation of a **modular onboarding service/API**, migrating a service bus messaging system to gRPC and Kafka to improve inter-service communication and maintainability.
- Enhanced backend logging/telemetry with Datadog and Sentry and implemented unit/integration tests with Jest.
- Tools: **React, React Native, MobX, C#.NET, gRPC, Kafka, MSSQL Server, Jest, Datadog, Sentry**

MARCH 2018 - OCTOBER 2020

### **Kroger Digital, Cincinnati OH** – *Software Engineer*

- Contributed across Communications, Accounts, and AMP teams developing React + Node.js applications.
- Consolidated multiple account repositories into a **Lerna monorepo**, improving maintainability and deployment workflows.
- Drove unit and end-to-end test coverage above **90%** using Jest and WebdriverIO.
- Redesigned authentication flows (sign-in, create account, password reset) and improved accessibility following **WCAG** standards.
- Helped build a content management platform with **Node.js + MongoDB**.
- Tools: **React, Redux, Node.js, MongoDB, Jest, WebdriverIO, Storybook, Datadog**

DECEMBER 2014 - FEBRUARY 2018

### **RoviSys, Aurora OH** – *Software Developer II*

- Designed and maintained internal business apps with **ASP.NET MVC/Web API, Entity Framework, AngularJS, WPF, and MSSQL Server**, streamlining project management, staffing, and reporting.
- Modernized legacy systems by migrating **WinForms** → **WPF**, including engineering tools with **AutoCAD SDK** integration and a trade-show game powered by **Cognex camera vision**.
- Built platforms for resource forecasting, asset tracking, desk reservation, and employee surveys.
- Collaborated across teams to deliver scalable, reliable applications for internal and customer-facing use.

## **Technical Skills**

**Languages & Frameworks:** JavaScript / TypeScript, React, React Native, Next.js, Node.js, Ruby on Rails, C#.NET, ASP.NET MVC/Web API, AngularJS, SQL, HTML/CSS

**Databases:** PostgreSQL, MongoDB, MSSQL Server, MySQL, Redis

**Messaging & APIs:** gRPC, Kafka, REST APIs, GraphQL

**Testing & QA:** Jest, WebdriverIO, NUnit

**DevOps & Tools:** AWS, Docker, Prisma, LaunchDarkly, Datadog, Sentry, GitHub, Vercel

**Practices:** Agile/Scrum, Microservices, Accessibility (WCAG), TDD, CI/CD

## **Education**

**Miami University** – Oxford, OH

**B.S. in Computer Science** | Aug 2009 – Dec 2014