

# Justin Andersen

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## Skills

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**Front-End Development:** React.js, Next.js, HTML, CSS, TypeScript/JavaScript, Redux, Tailwind

**Back-End Development:** Ruby on Rails, Node.js, Nest.js, RESTful APIs, Java Spring Boot

**Databases:** PostgreSQL, MySQL, Firebase Realtime Database, MongoDB, TypeORM, Prisma

**Hosting and Deployment:** AWS, Google Cloud, Vercel, Heroku

**Tools & DevOps:** Git/GitHub/GitLab, Docker, Jenkins

**Architecture & Design:** Component-Based Architecture, Component Tree Mastery, Microservices, RESTful Design, Responsive Design

## Experience

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### Surpath Inc., Senior Frontend Developer

Tustin, CA - October 2023 to Present

#### Technology Leadership and Development:

- Led frontend development using **Next.js, React, TypeScript, Tailwind, and pure CSS** for a real-time software application.
- Implemented **App and Pages Routers in Next.js**, ensuring efficient navigation and performance.
- Mentored junior developers via code reviews and open-door policy.

#### React Expertise and Scalable Solutions:

- Managed state and side-effects with **React Hooks**, enhancing code reusability and scalability.
- Designed shared components to optimize frontend performance and user experience.

#### Real-Time Application Enhancements:

- Enabled real-time updates using **WebSockets** and **Express.js** for seamless user interactions.
- Integrated Kafka for message queuing, supporting data broadcasts.

#### Advanced Cache and Token Management:

- Adopted Redis for user token management, enhancing security and reducing load times.
- Managed sign-in and reset password tokens securely within Next.js applications.

#### Analytics and User Experience Optimization:

- Utilized MongoDB to capture and analyze user journeys, driving personalized UX improvements.
- Optimized features based on analytics, reducing drop-off rates.
- Delivered Redux and cookies for consistent user experiences across sessions.

#### Team Collaboration:

- Actively participated in daily standups, sprint grooming, feature demos, and workshops.
- Collaborated with BE engineers on web service interfaces and API documentation using Swagger.

### Beebizz Inc., Full Stack Developer

Los Angeles, CA - May 2022 to October 2023

- Developed a mobile-first party planning platform using **React.js, Next.js, Redux, Tailwind, Node.js, Postgres, Firebase, Google Cloud, and Stripe**.

### NuCamp, Bootcamp Instructor

Los Angeles, CA - January 2021 to May 2022

- Taught new and junior software engineers React, **React Native**, JavaScript, TypeScript, Python, HTML, CSS, and Git.

### UnionBase, Software Developer

New York, NY - August 2019 to June 2020

- Built user-friendly and interactive frontend components using React.js, Vue.js, and Angular.
- Built endpoints using Ruby on Rails with Active Record to CRUD records on PostgreSQL.

## Education

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**App Academy, New York** - Certified in Software Engineering

2019

**University of California, Santa Barbara** - BA in Philosophy

2014