

# Drew Holbrook

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## Summary

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I'm a software engineer based in Crested Butte, Colorado. I'm a co-creator of Ekko, an open-source realtime service with in-transit message processing, which was built with a team of fully remote software engineers. I have multiple years of experience with the Ruby and Javascript ecosystems and am comfortable with AWS and Docker.

## Professional Experience

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2021 – present

### Co-Creator, Software Engineer

*Ekko* [↗](#)

- Co-created Ekko, an open-source realtime service with in-transit message processing
- Built the websocket server using Node.js, socket.io, and Redis
- Designed the AWS cloud infrastructure (Application Load Balancer, Elastic Container Service with Fargate deployment, S3, Elasticache, Lambda)
- Containerized server code for deployment (Docker, Elastic Container Registry)
- Built CLI tool that deploys and manages Lambdas with AWS SDK and abstracts away complex infrastructure deployment process using AWS Cloud Development Kit
- Load tested the real-time service using artillery.io to simulate 50,000 concurrent connections publishing 300,000 messages per minute
- Collaborated daily with a team of fully remote engineers
- Co-authored Ekko's case study: [ekko-realtime.com](https://ekko-realtime.com) [↗](#)

2018 – 2021

### Full-Stack Web Developer

*Self Employed*

- Requestbin: Clone of popular tools to capture and store lists of incoming HTTP requests using Node.js, Express, and PostgreSQL
- Shopping Cart: React/Redux front-end, Node.js, Express, MongoDB REST API backend
- Ello: Trello-like app with React/Redux front-end, Node.js, Express, MongoDB REST API backend
- Todo List: a todo tracker built with Node.js, Express, JavaScript, jQuery, Handlebars, HTML and CSS

2015 – 2018

### Director of Marketing and Development

*Crested Butte Nordic* [↗](#)

- Revamped marketing plan which helped increase revenue by 25% over three years

2014 – 2015

### Director of Events

*Crested Butte Nordic* [↗](#)

- Managed over 100 volunteers and organized events for more than 1000 participants

## Skills

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### Backend

Node.js, Express, Ruby, Go, PostgreSQL, SQL, MongoDB, RESTful APIs

### Frontend

JavaScript (ES6) React/Redux HTML/CSS

### Tooling

Git/GitHub, Docker, Linux

### Cloud

AWS, Digital Ocean, Heroku

## Education

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2004 – 2008

### B.A. Economics

*University of Vermont* [↗](#)