

# Drew Holbrook

✉ [drewholbrook@gmail.com](mailto:drewholbrook@gmail.com)    🖱 [dpholbrook.github.io](https://dpholbrook.github.io)    🌐 [@dpholbrook](https://@dpholbrook)

## Profile

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I'm a software engineer based in Crested Butte, Colorado. I'm the co-creator of Ekko, a self deployable realtime infrastructure with in-transit message processing that 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.

## 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*

## Professional Experience

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2021 – present

### Co-Creator, Software Engineer

*Ekko* [↗](#)

- Co-created Ekko, a self deployable realtime infrastructure with in-transit message processing
- Built websocket server using Node.js, socket.io, and Redis
- Designed AWS infrastructure (Application Load Balancer, ECS Fargate, S3, Elasticache, Lambda)
- Automated infrastructure deployment with AWS Cloud Development Kit
- Built CLI tool for infrastructure deployment, teardown, and Lambda management
- Load tested the real-time service using artillery.io to simulate 50,000 concurrent connections
- Collaborated daily with a team of fully remote engineers
- Co-authored Ekko's case study: <https://ekko-realtime.com/> [↗](#)

2018 – 2021

### Full-Stack Web Developer

*Self Employed*

- Yello: Trello-like app with React/Redux front-end, Node.js, Express, MongoDB REST API backend
- Airline Routes: React app bootstrapped with Create React App

2015 – 2018

### Director of Marketing and Development

*Crested Butte Nordic* [↗](#)

- Helped grow revenue by 230% over three years

2014 – 2015

### Director of Events

*Crested Butte Nordic* [↗](#)

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

## Education

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2004 – 2008

### B.A. Economics

*University of Vermont* [↗](#)