

# Dorey Miller Software Engineer

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## PROFILE

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I am a software engineer based in Seattle, WA. I am a co-creator of Ekko, an open source framework for adding realtime infrastructure and in-transit message processing to realtime web applications. I have multiple years of experience with JavaScript, Ruby and Go as well as a variety of frontend and backend frameworks.

## PROFESSIONAL EXPERIENCE

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- Co-creator, Software Engineer, Ekko** 02/2021 – present  
<http://ekko-realtime.com>
- Designed infrastructure to manage thousands of concurrent Websocket connections
  - Led development of the Websocket server, using NodeJS, Socket.io, and Redis
  - Built the middleware integration for processing messages in realtime using Lambdas
  - Designed and built the storage of data used to manage the realtime middleware
  - Prototyped AWS Lambda deployment functionality for the Ekko CLI tool
  - Contributed to the automated deployment of Ekko infrastructure
  - Load tested thousands of concurrent Websocket connections using artillery.io
  - Co-authored the Ekko Case Study
- Software Engineer, Self-employed** 2019 – 2021
- Ello - a Trello clone built -- *React/Redux, NodeJS, MongoDB*
  - Hookie - a web app for testing webhooks -- *NodeJS, PostgreSQL, CSS, Handlebars*
  - Todos - a task management web app -- *NodeJS, sqlite, Javascript, Handlebars, HTML, CSS*
  - ThankYou - an automatic thank you note generator -- *Ruby, Sinatra, HTML, CSS*
- UX Design, Freelance** 2017 – 2019  
Performed competitive analysis, storyboarding, and interaction design for multiple projects
- Interaction Designer, ESI Design** 2004 – 2008  
Designed and developed interactive experiences for physical and virtual spaces  
New York, NY

## EDUCATION

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- Software Engineering, Launch School** 2019 – 2020
- Masters, Interactive Telecommunications Program, New York University** 2000 – 2002  
New York, NY
- B.M. Music Theory and Composition, New York University** 1994 – 1998  
New York, NY

## SKILLS

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### Languages

JavaScript, Ruby, Go,  
SQL, HTML, CSS

### Frameworks

Express, React/Redux,  
Sinatra, Handlebars,  
jQuery

### Technologies

Docker, Git/GitHub, Rest  
APIs, Websockets,  
Webhooks

### Cloud

AWS, Digital Ocean,  
Heroku