

# Ezra Ellette

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## Summary

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I'm a software engineer based in Saint Louis, Missouri. I'm a co-creator of Jolt, a lightweight, open source framework for developing and deploying JAMstack sites, with serverless functions. I have many years of experience with Ruby and JavaScript, and am comfortable with AWS.

## Relevant Experience

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### Co-Creator, Software Engineer, Jolt

2021 – present

*Jolt is a lightweight, open-source framework that builds and deploys JAMstack apps with ease of use functions as a service.*

<https://core-jamstack.github.io/jolt-framework> 📄

- Led the development of the automation of building and deploying JAMstack apps (static sites).
- Responsible for the the automation of provisioning various AWS resources used to cache static assets and dynamically create APIs, which simplified the development of Jolt's core.
- Created a custom-built Edge Lambda for proxying relative path requests to application specific APIs, enabling API endpoints to be consistent in any project.
- Developed a command line interface for managing Jolt applications, making jolt accessible to any unix machine with Node and an internet connection.
- Designed and implemented the update and rollback processes that allow Jolt users to version their static assets and APIs.
- Developed a library in Node.Js that enabled local testing and API emulation using ExpressJS, effectively reducing development time for Jolt applications.
- Co-Authored a comprehensive technical case study and presented a technical talk to 50+ people.
- Designed a website to host the case study and presentation, which can be found here:  
<https://core-jamstack.github.io/jolt-framework> 📄

### Software Engineer, Self Employed

2019 – 2021

- Core-Bin, a web application for inspecting HTTP requests and Webhooks. Leveraged Redis, Websockets, NodeJS, Nginx, and Digital Ocean Droplets to create a smooth UX with realtime results.
- Hello, a Trello clone by utilizing React, Redux, and MongoDB. Developed with a team using Agile methodology to increase efficiency and create a clear workflow.
- Airline Flight Finder. Employed React and Redux to implement a dynamically changing graph that updates to show flights between specific airports. Integrated path finding for finding layovers that will enable travel to airports which do not have direct flights by using a graph data structure and Djikstra's algorithm.

## Skills

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### Programming Languages

Ruby, JavaScript, Go, SQL, HTML, CSS

### Frameworks

Sinatra, jQuery, Handlebars, React/Redux, ExpressJS

### Cloud

Lambda, API Gateway, IAM, CloudFront, Lambda@Edge, DynamoDB, S3, RDS, Heroku, Digital Ocean

### Technologies

OOP, Webhooks, WebSockets

## Education

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### Launch School

2019 – 2021

Launch School is an online school for Software Engineers that focuses on the mastery of fundamentals in software engineering. <https://launchschool.com/employers> 📄