

Leena Lallmon

📍 Montreal, Canada ✉ leena.lallmon@gmail.com in leenalallmon 🌐 leenalallmon.com

Summary

I'm a Software Engineer based in Montreal, Canada who enjoys problem solving. I am the co-creator of Fjord fjord-framework.github.io [🔗](#), an open source framework that provides a real-time API Proxy for Apache Kafka. I have multiple years of experience in the Ruby and JavaScript ecosystems, and I am comfortable with Golang, AWS and Docker.

Professional Experience

Co-creator & Software Engineer, Fjord [🔗](#)

2021 – present

Fjord is a framework that allows end users to receive Kafka streaming data in real-time. Through Fjord's CLI, developers can easily and quickly deploy dozens of components on Amazon Web Services (AWS) to offload the streaming to Fjord's scalable real-time API infrastructure. Fjord utilizes languages and technologies such as JavaScript, AWS ECS, AWS Fargate, AWS Elasticache for Redis, Docker and Server-Sent Events

- Collaborated on the prototype of the API Server and Kafka Consumer process using Node.js, KafkaJS and MongoDB
- Isolated and containerized Fjord components using Docker for deployment to AWS cloud infrastructure
- Load tested to handle over 8500 concurrent connections
- Researched the market space for Kafka API Proxy solutions and the Kafka ecosystem
- Utilized a CLI tool that deploys all of Fjord's AWS components based on user's requirements
- Collaborated asynchronously with remote team of engineers across time-zones, including daily check-ins, pair programming and code reviews
- Collaborated on the production of our tech talk, that was delivered to an audience of 40, watchable [here](#) [🔗](#)
- Co-authored a comprehensive technical case study [🔗](#) documenting design decisions

Full-Stack Web Developer, Self-Employed

2020 – 2021

Developed open-source software, some highlighted projects include:

- Ruby Blogger, a Ruby library command line developer tool to track exceptions
 - Prototyped the architecture for core functionality
 - Researched and implemented executable terminal command
 - Contributed to code review, refactoring and documentation
- Contact Manager, a JavaScript, Express, Bulma, Node CRUD app with node API server

Skills

Backend

- Node.js
- Express
- Ruby
- SQL
- RESTful APIs
- Webhooks
- SSE

Frontend

- JavaScript (ES6)
- React
- Redux
- HTML
- EventSource API

Tooling

- Git
- Github
- Docker
- Linux

Cloud

- AWS EC2
- AWS ECS
- AWS Fargate
- AWS Elasticache for Redis
- AWS VPC
- AWS ALB
- GCP VM
- Digital Ocean Droplet

Education

Software Engineering & Full Stack Development, Education [🔗](#)

2020 – 2021

Multi-year full-stack Software Engineering curriculum with mastery-based learning