

# Leeya Davis

📍 New York City   ✉ leeya463@gmail.com   🖱 leeyadavis.dev   🌐 LeeyaD

## 🧠 SKILLS

### Back End

Node.js, Ruby, Express, SQL, PostgreSQL, MongoDB, REST APIs, TypeScript

### Misc. Technologies

Git/Github, VS Code, Docker, HTTP, WebSockets, Jest, Nginx, Redis, Webhooks, Postman, Mongoose, Bash

### Front End

JavaScript, React, HTML/CSS, TypeScript, Handlebars, Sinatra

### Cloud

MongoDB Atlas, AWS (DynamoDB, ElastiCache for Redis, EC2, ALB, ELB, CloudFormation, IAM, S3), Firebase, DigitalOcean droplets, Heroku, Fly.io

## 🧰 EXPERIENCE

### Software Engineer & Co-Creator, Twine

08/2023 – present | Remote

Twine is an open-source, auto-scaling WebSocket service that provides connection state recovery and is intended for developers seeking to add real-time functionality to their existing applications.

- Design and implemented logic governing connection state recovery using token authentication
- Enabled long-term state recovery by implementing a long-term storage solution (**AWS DynamoDB**)
- Improved long-term state recovery by engineering a more performant database query (**DynamoDB**)
- Resolved synchronization issues when scaling Twine by implementing Redis Adaptor logic (**Redis**)
- Facilitated communication between the developer's application and Twine by writing client and server-side libraries that manage WebSocket connections and the publish-subscribe messaging mechanism Twine employs (**Socket.IO, Node.js, TypeScript**)
- Collaborated remotely with an international team of four engineers across three time zones, employing agile methodologies and practices such as sprints, code reviews, and pair programming
- Co-authored a technical case study providing an in-depth analysis of Twine's problem domain, system design, and engineering decisions (<https://twine-realtime.github.io/case-study>)

### Software Engineer, Self-Employed

07/2022 – present | New York City

- noWahala - Nigerian for "No worries." It's a platform for curating event spaces and services (**TypeScript, Next.js, React, Firebase**).
- Request Inspect - Tool for viewing/debugging webhooks (**WebSocket server, Nginx, MongoDB, Express, React**).

### Data Processing Coordinator, NYC Department of Health

12/2019 – 07/2022

- Received, processed, and tracked monthly report components from Opioid Overdose Prevention Programs (OOPPs)
- Resolved discrepancies and/or non-reporting issues by collaborating with OOPPs and team members
- Supported data entry and data management of monthly report components

### English Teacher, Teach and Learn in Korea (TaLK)

07/2014 – 07/2016 | Gimje, South Korea

- Built rapport with school staff by drawing on my ability to adapt and being mindful of cultural differences
- Improved the English & cultural awareness of disadvantaged students in the countryside through engaging lesson plans

## 🎓 EDUCATION

### Launch School, <https://launchschool.com/employers>

06/2021 – 08/2023

A multi-year, mastery-based software engineering curriculum.

### A.O.S, Occupational Studies, Swedish Institute College of Health Sciences

09/2005 – 12/2006