

# Anne Jones

Software Engineer

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## 📁 EXPERIENCE

### Co-Creator, Software Engineer [🔗](#)

04/2022 – present

Arroyo ([www.arroyoframework.com](http://www.arroyoframework.com))

- Designed, prototyped, and developed Arroyo, a lightweight framework that allows users to granularly rehydrate logs from cloud storage back into Elasticsearch (Node.js, Express.js, React/Redux, AWS, Docker)
- Spearheaded the design and development of the Arroyo Client UI (React/Redux, JavaScript)
- Built scripts to facilitate automated provisioning and teardown of AWS cloud infrastructure, including Lambda, S3, SQS, and IAM roles and policies using AWS SDK
- Facilitated the execution of multiple asynchronous re-ingestion tasks by leveraging Lambda's serverless compute model
- Decoupled and containerized the Arroyo UI and back-end components to simplify deployment and achieve a clean separation of concerns
- Created a RESTful API between Arroyo's back end and UI
- Deployed and configured an ELK stack (Elasticsearch, Logstash, Kibana) on an EC2 instance to optimize testing and development
- Drove daily collaboration with a fully remote team across three different time zones
- Leveraged Agile methodologies to ensure effective daily stand-ups
- Authored and presented a technical case study exploring the process of creating and engineering Arroyo

### Launch School

04/2020 – 02/2022

A mastery-based educational program focusing on software engineering with an emphasis on a deep understanding of fundamentals.

Developed a variety of applications using JavaScript, Node.js, Ruby, PostgreSQL, MongoDB, React/Redux, Express, HTML, and CSS, including:

- RequestContainer: A lightweight webhook analysis tool built using MongoDB, PostgreSQL, React, Node.js, and Express
- Krello: A versatile, Kanban-style productivity application built using Node.js, Express, MongoDB, and React/Redux
- MyCart: An intuitive shopping cart application built with MongoDB, React/Redux, Node.js, and Express
- To-do Tracker: A streamlined task-tracking application built using Ruby, Sinatra, and PostgreSQL

## 🛠 SKILLS

### Languages

JavaScript, Go, Ruby, Python, SQL, HTML, CSS, C#, Java, TypeScript, R

### Technologies

Git/Github, Nginx, PostgreSQL, MongoDB, Docker, Node.JS, RESTful APIs, Webhooks

### Frameworks

React, Redux, Jest, Express, Sinatra, Handlebars

### Cloud

AWS (Lambda, S3, SQS, SDK, IAM, EC2), Heroku, DigitalOcean (Droplets)

## 🎓 EDUCATION

### Software Engineering

Launch School (Capstone)

2020 – 2022

### Bachelor of Science in Molecular, Cellular, and Developmental Biology

University of Washington

2016 – 2019

## 📁 EMPLOYMENT

### Lab Technician (Part-time)

NanoString Technologies Inc.

06/2018 – 08/2020 | Seattle, WA

- Assisted researchers in preparing upstream raw materials for customer-facing diagnostic devices

### Design Specialist

Wessco Blinds

09/2019 – 05/2020 | Seattle, WA

- Collaborated with co-workers in a fast-paced environment to deliver an optimal customer experience
- Optimized data aggregation workflow resulting in increased business efficiency and revenue