Anne Jones

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📍 Seattle, WA

👤 PROFILE

Software Engineer based in Seattle, Washington, with years of experience developing in JavaScript, Go, and Ruby; and the co-creator of Arroyo, a lightweight framework for the granular rehydration of logs from cloud storage to Elasticsearch. Most recently, Anne developed Flora, a social media platform for plant enthusiasts.

💻 SKILLS

LANGUAGES
JavaScript, TypeScript, Go, Rust, Ruby, Python, SQL, HTML, CSS, C#, Java, Bash

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

FRAMEWORKS
React, Redux, MUI, Jest, Express, Sinatra, Vue, Nuxt.js, Tailwind

CLOUD
AWS (ECS, Fargate, ECR, Lambda, S3, SQS, IAM, EC2), Heroku, DigitalOcean

🎓 EDUCATION

University of Washington
Bachelor of Science in Molecular, Cellular, and Developmental Biology
2019

📁 PROFESSIONAL EXPERIENCE

Creator, Software Engineer 🔗
Flora (www.floraapp.dev)
05/2023 – present

- Designed, architected, and developed Flora, a social media platform using React, Redux Toolkit, NodeJS, and Express
- Integrated MongoDB for robust data storage and implemented secure authorization and authentication with Passport, Bcrypt, and JWTs
- Deployed using AWS ECR, AWS ECS, and AWS Fargate, with an AWS EC2 Load Balancer for traffic management
- Engineered a fully RESTful API for Flora, ensuring stateless client-server communication, scalability, and efficient data handling
- Implemented UI using a mobile-first approach with React, Redux, and Material UI, ensuring a seamless user experience across devices
- Containerized Flora using Docker for streamlined deployment and consistency across environments

Backend Engineer
Corvee
10/2022 – 01/2023

- Implemented a tagging system across the stack to allow tax forms and entities to be categorized, grokked, and searched for more granularly and efficiently by colleagues and customers
- Wrote a traversal algorithm in Go to map a tree-based data structure containing bootstrapping entities to the database, facilitating data migration from one version of our product to the next
- Enhanced management of user data by building out additional API endpoints in Go that expose further CRUD operations
- Self-started on Vue to migrate core functionality of mission critical internal tooling from Vue 2 to Vue 3 so the team could take advantage of Vue 3 feature additions

Co-Creator, Software Engineer 🔗
Arroyo (www.arroyoframework.com)
04/2022 – 09/2022

- 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 about the process of designing and developing 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