

Olga Shiryayeva

Software Engineer

✉ oshiryayeva@protonmail.com 📍 Chicago, IL 🌐 olga.sh in olgashi 🔄 olgashi

TECHNICAL EXPERIENCE

Co-Creator, Software Engineer, Arroyo (arroyoframework.com) 📧 04/2022 – present | Remote

Arroyo is a lightweight framework for the granular rehydration of logs (Node.js, Express.js, React/Redux, AWS, Docker).

- Led the technical research and architecture design for the rehydration and re-ingestion layers (Lambda, S3, SQS, Logstash).
- Engineered and developed the automated provisioning and teardown of AWS cloud infrastructure (AWS SDK, S3, SQS, Lambda, IAM).
- Decoupled services to take full advantage of the event-driven architecture enabled by incorporating Amazon SQS and AWS Lambda.
- Solved data persistence problem of storing resource information for deployment/teardown of AWS cloud infrastructure (Docker bind mount).
- Containerized Arroyo server and Arroyo client code using Docker (images, containers, networks, docker-compose).
- Researched and consolidated a list of permissions required for the Lambda and the Arroyo user IAM roles (IAM, CloudTrail).
- Implemented asynchronous communication component between Arroyo's re-ingestion layer and Arroyo server (SQS, Lambda).
- Created a custom Docker image for the ELK stack used for testing during development, configured and deployed the stack on an EC2 instance (EC2, Nginx, Elasticsearch, Logstash, Kibana, Docker).
- Authored technical case study on Arroyo architecture and design decisions made during the development (www.arroyoframework.com/case-study.html).
- Collaborated with a distributed team across three time zones, using GitHub issues, Slack, and Discord.

Other Projects

2019 – 2022

- **RequestBin**: application for receiving and debugging webhooks (Node.js, Express.js, React, MongoDB).
- **Sweater**: weather forecasting application (React, React Bootstrap, OpenWeather API, React Testing Library, Jest, GitHub Actions).
- **Fake Faker REST & GraphQL API**: a collection of open-source REST and GraphQL APIs that generate realistic but fake data (Node.js, Express.js, PostgreSQL, SQL, GraphQL, Apollo Server, TypeScript, React, Material UI, Mocha.js, Chai.js).
- **Daily Tasks**: lets user create todo lists and populate the lists with tasks (Node.js, Express.js, Pug).

Open Source

- Made contributions to open source projects that are used by thousands of developers (ESLint, Serverless, tldr).

EMPLOYMENT

Software Engineer I, PagerDuty

03/2022 – 04/2022 | Remote

Catalytic was acquired by PagerDuty in March 2022.

Software Engineer (Associate), Catalytic

2019 – 2022 | Remote

Catalytic is a low-code, no-code workflow and business process automation platform.

- Designed, prototyped, and built a Single Page Application used by the Catalytic Engineering team to control user permissions (Node.js, Express.js, Pug, Bootstrap, JavaScript, Catalytic API).
- Implemented a number of features in the Catalytic platform, contributing to improving platform UI (TypeScript, React, GraphQL).
- Collaborated with other engineers through code reviews, pair programming, and team retrospectives.

Accountant, Various Employers

2016 – 2019 | Chicago, IL

- Worked at various companies (SAP cloud provider, medium-sized law firm, non-profit, startup), performing several essential accounting functions: Financial Analysis, Accounts Receivable/Payable, Audit, Budgeting, and Payroll.

LANGUAGES AND TECHNOLOGIES

Frontend: JavaScript, TypeScript, React/Redux, GraphQL, Handlebars, Pug, CSS

Backend: Node.js, Express.js, SQL, PostgreSQL, MongoDB, Apollo Server, Python/Django, Go, RESTful APIs

Tooling/Other: AWS (Lambda, S3, SQS, SDK, IAM, CloudTrail, EC2), Digital Ocean, Heroku, Git/GitHub, Docker, Jest, React Testing Library, Mocha.js, Chai.js, OpenApi Specification

EDUCATION

B.S. Computer Science, Western Governors University

2021

B.S. Finance and Accounting Management,

Northeastern University, College of Professional Studies

2015

OTHER

Completed 100+ Codewars challenges