

Steve Price *Software Engineer*

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🖱 steveprice.dev

in Steve Price

🔄 [stevePriceDev](https://github.com/stevePriceDev)

Professional Experience

Creator, Software Engineer, *Mayfly*

2023 – present

Mayfly (mayfly.dev) is an open-source tool for hosting high-compute, collaborative, and stateful apps in the browser using session backends. Mayfly consists of a Controller for the orchestration and communication of all session backends, and one or more Drones to host the backend for the duration of the session. These session backends are then shareable with fellow users.

- Developed a multi-tier architecture for the deployment of session backends, enabling integration into an existing AWS codebase (**Docker, Docker-Compose, AWS EC2**)
- Orchestrated communication of the Controller and Drone(s) via a **NATS** server.
- Automated the deployment of containerized user sessions, reducing the overall time needed to access the application via an endpoint URL. (**Packer, AWS AMI**)
- Constructed numerous database schemas in **PostgreSQL** and **GraphQL**, while considering drawbacks and tradeoffs.
- Architected a **RESTful API** in **Node** and **Express** to enable communication between **NATS**, a pub/sub message queue, the database tier and 3rd party software.
- Designed a UI for streamlining user experience with **React** and **Tailwind CSS**.
- Authored an in-depth case study (mayfly.dev) that provides a comprehensive analysis of Mayfly's problem domain, use case, as well as engineering decisions and tradeoffs.
- Collaborated remotely with an international team of four engineers across three time zones, including daily stand-ups, pair programming, and code reviews.

Software Engineer, *Self-employed*

2021 – 2023

Developed open-source applications including:

- rBin - Tool for collecting and debugging webhooks (**DO Droplet, Nginx, PostgreSQL, MongoDB, Node.js, Express, React**).
- The Shop - E-Commerce app with functionality to add/remove products, as well as place items into shopping cart (**Node, Express, MongoDB, and React**).

Project Analyst, *URC West, Inc*

2016 – 2022

- Automated bidding and analysis spreadsheets to minimize bidding process time while maintaining accuracy.
- Worked with clients/team to ensure schedules are completed within agreed upon timeframe.

Education

Launch School

2021 – 2023

Multi-year, mastery-based software engineering curriculum. Read more launchschool.com/employers 

Skills

Back End

Node.js, Express, Ruby, Go, PostgreSQL, MongoDB, REST APIs

Cloud

Digital Ocean, AWS (EC2, ECS, IAM, Route53, S3), Heroku

Front End

JavaScript, TypeScript, React/Redux, Handlebars, HTML/CSS, Tailwind CSS

Other

Git/GitHub, Docker, Linux, Bash, HTTP, WebSockets, Jest, OOP, Nginx, Postman, WSL