

Steve Price

Software Engineer

 sp@steveprice.dev

 [stevePriceDev](#)

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Skills

Back End

*Node.js, Express,
Ruby/Rails, Go,
Python/Django/Flask,
PostgreSQL, MongoDB*

Front End

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

Cloud

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

Other

*Git/GitHub, Docker,
Linux, Bash, HTTP, Rest
APIs, WebSockets, Jest,
OOP, Nginx, Postman,
Mercurial*

Education

Launch School

2020 – 2023

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

Profile

Full Stack Software Engineer with 4+ years of experience with JavaScript/TypeScript, Ruby, Python, Docker, AWS, and more. I am an Open Source Software contributor for Mozilla Firefox, and a Creator of Mayfly [🔗](#) - an open source tool which spawns dedicated backends for each user session to enable developers to host a high-compute application in the browser. In my off-time, I enjoy going on hikes with our dog, golfing, or staying indoors with some strategy games. Read my blog (tinyurl.com/2xusjpxs [🔗](#)) about contributing to open source!

Professional Experience

Open Source Software Contributor

Mozilla Firefox

2024 – present

- Improved code efficiency and performance by refactoring legacy methods, incorporating modern libraries and functions, resulting in faster, more maintainable code.
- Enhanced modularity by migrating large objects and their dependencies to separate files, and implementing unit tests to ensure functionality, improving overall codebase maintainability.
- Mentored and onboarded new contributors, offering guidance and support to streamline their integration into the project and accelerate their contributions to the open-source community.
- Awarded commit access to Mozilla repositories, recognizing trust and consistent contributions to Firefox's development.

Creator, Software Engineer

Mayfly [🔗](#)

2023 – 2024

- Developed a multi-tier architecture using Docker-Compose, AWS EC2, and Plane, enabling seamless integration and hosting of Mayfly with enhanced scalability and performance.
- Improved system communication reliability by orchestrating interactions between the Controller and Drone(s) via a NATS server, optimizing message delivery for greater efficiency.
- Accelerated application access time by 65% by automating the deployment of containerized user sessions using Packer and AWS AMI.
- Designed and implemented a scalable PostgreSQL schema to manage user sessions, optimizing for performance, data integrity, and scalability.
- Architected a robust RESTful API with Node.js and Express, ensuring smooth communication between the NATS server, database tier, and third-party software integrations.
- Created a user-friendly UI with React and Tailwind CSS, enhancing user experience and engagement.
- Authored an in-depth case study (available at mayfly.dev [🔗](#)), detailing the problem domain, engineering decisions, and trade-offs in the development of Mayfly.

Project Analyst

URC West, Inc

2016 – 2022

- Developed automated bidding tools and data analysis spreadsheets, streamlining bid preparation from a multi-week process down to just 2-3 days, increasing efficiency by over 75%
- Collaborated closely with cross-functional teams and clients to plan, track, and manage project timelines, ensuring all deliverables were completed on budget and within agreed-upon time frames