

# Eric Vu

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## Experience

**Co-Creator, Software Engineer**, *Signet (signet-framework.dev)* ✨

2023 – present

Signet is a contract testing framework for microservices.

- Created a CLI (Go) to streamline contract management tasks, including publishing, generating, and testing contracts.
- Implemented a contract broker (Node.js) that securely stores and manages contracts.
- Designed a user-friendly interface (React) to visualize contracts and test results.
- Implemented a maintainable RESTful API.
- Architected the contract testing workflow to seamlessly integrate into a CI/CD pipeline.
- Developed a webhook feature enabling event-driven CI/CD integration.
- Collaborated with a remote team of 4 engineers across 3 timezones using an agile workflow.
- Authored a technical case study ✨ examining the problem domain and use case.

**Full-Stack Web Developer**, *open source*

2021 – 2023

Developed open source applications. Selected projects and technologies:

- **Request Binder** - real-time service for consuming and inspecting webhooks (TypeScript, Express, React, MongoDB, Server-Sent Events, Nginx)
- **Bluff Chess** - chess variant involving bluffing (Javascript, Express, React, Socket.io)
- **Word Mafia** - multiplayer deception word game as a discord bot (Python)

## Education

**Software Engineering Capstone**, *Launch School*

2021 – 2023

**B.S., Mathematics**, *University of California, Santa Cruz*

2018 – 2021

## Skills

### Backend

Go, Ruby, Python, TypeScript & JavaScript, Node.js, Express, PostgreSQL, MongoDB, Nginx

### Frontend

React, jQuery, asynchronous JavaScript, DOM & Browser APIs, HTML, CSS

### Cloud

AWS (EC2, ECS Fargate, CloudFormation, IAM), Digital Ocean Droplets, Heroku, Fly.io.

### Tooling

Linux, Git/GitHub, Docker