Eufrosino Earl Veloso

📍 Austin/NYC   ⚲ eufrosino.com   in eufrosino   ✉ eufrosinoveloso@gmail.com   ⌗ eufrosino

Profile

I'm a software engineer based in Austin, Texas, relocating to New York City. Most recently I've built Retrospect, an open-source debugging tool for microservices-based applications that abstracts away the complexity of back-end tracing instrumentation and front-end session recording.

Professional Experience

Co-Creator, Software Engineer, *Retrospect (retrospecthq.com)* ↗   2021 – present
Retrospect is an open-source, full-stack observability tool featuring distributed service traces and web session replay
- Led front-end and back-end development of the front-facing application (Collaboration to determine application/UI scope and feature-set; Orchestration of back-end traces and front-end events into a searchable and filterable format through API endpoints and application-side data processing)
- Extended the open-source observability framework OpenTelemetry for back-end tracing auto-instrumentation, tying back-end traces to their related front-end events
- Customized the open-source session replay tool rrweb for front-end event collection instrumentation
- Developed and load-tested the Go API server that ingested and served data to and from CassandraDB
- Containerized server code for deployment with Docker
- Published npm packages for the client and server collector agents
- Collaborated daily with a small team of fully remote engineers
- Co-authored and created the diagrams for the Retrospect case study *(retrospecthq.com)* ↗

Full-Stack Web Developer, *Self Employed*   2019 – 2021
- RequestBox, a database-backed application for generating and monitoring webhooks (NodeJS, Express, Redis, Handlebars, HTML and CSS)
- Ollert, a kanban board application inspired by Trello (React / Redux, MongoDB, HTML and CSS)
- To-do App, a to-do tracker with functionality to sort to-dos by date and category (NodeJS, Express, JavaScript, JQuery, Handlebars, HTML and CSS)

Lateral Flow Lab Technician, *PerkinElmer*   2018 – 2019
- Took charge of the R&D and production of PR1ME BT MRL Assay, successfully clearing a 2 year backorder and revising ISO documentation for reproducibility

Skills

Back-end	Front-end	Tooling	Cloud
Node.js, Express, PostgreSQL, MongoDB, Redis, Go, CassandraDB	VanillaJS, jQuery, React, Redux, Handlebars, HTML, CSS	Git, Github, Docker	Digital Ocean, Heroku

Education

Software Engineering, *Launch School (launchschool.com/employers)* ↗   2019 – 2021
Mastery-based full-stack software development program with emphasis on building solid software engineering fundamentals through written assessments, live coding interviews, and take-home projects

BS Biology, *The University of Texas at Austin*   2014 – 2018
Natural Sciences Council, Filipino Students Association, Redefined Dance Company