Alex Riviere

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PROFILE

I'm a full stack software engineer who loves researching diverse topics and synthesizing my learnings to create complete and elegant solutions to problems. I've built solutions using JavaScript, Ruby, React.js, HTML/CSS, PostgreSQL, Docker and AWS. Most recently, I built Canopy, an open-source real-time monitoring framework designed specifically for CDNs.

EXPERIENCE

Creator/Software Engineer, Canopy   05/2023 –
Canopy is an open-source real-time monitoring framework designed specifically for CDNs   08/2023
https://canopy-framework.github.io/ ☐
- Collaborated with a remote team of 4 engineers through all phases of the project including ideation, narrowing scope/defining use case, prototyping and implementation
- Created an admin dashboard using Express.js, React.js and Material UI to provide a visual way for users to manage their pipeline, perform health checks and create alerts
- Added an alert service to the admin dashboard, using the Grafana API and Axios, which allowed users to create an alert with one click
- Automated the Grafana Docker image to provision a data source and custom dashboards so users could start monitoring their CDN instantly
- Used Commander.js to build a CLI in order to reduce the number of commands associated with deploying and managing a data pipeline of AWS services from 14 commands to 5
- Authored a case study ☐ on Canopy's design decisions and use case

Software Engineer, Launch School   10/2021 –
- Attended a mastery-based education program focused on software engineering fundamentals   04/2023
- Selected Projects:
  - RequestWarehouse: RequestBin clone that generated public endpoints and displayed webhooks for testing (NGINX, Node.js, Express.js, MongoDB, React.js)
  - UShop: E-commerce CRUD app (Node.js, Express.js, MongoDB, React.js)
  - WorkItOut: Workout tracker app (Ruby, Sinatra, PostgreSQL, HTML, CSS)

Financial Analyst, Hintz Capital Management   09/2019 –
- Analyzed over 70 stocks and recommended buy/sell transactions for sums up to $1,000,000   06/2022

SKILLS

Front End
JavaScript, TypeScript (familiarity), React.js, HTML, CSS, jQuery, Material UI

Backend
Node.js, Express.js, Ruby, Sinatra, Go (familiarity), PostgreSQL, SQLite, MongoDB, RESTful APIs

Other
Docker, AWS Services (Kinesis Data Streams/Firehose, CloudFront, Lambda, EC2, S3), Git, Grafana

EDUCATION

Pennsylvania State University: Bachelor of Science in Economics   2013 – 2017