

Tim Dronkers

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Technical Experience

Seymour, *Co-Creator / Software Engineer* 🔗 May 2022 – present

Seymour is an open-source and easy-to-configure active monitoring solution for API endpoints that enables rapid detection of issues in production before users experience them.

- Developed the full-stack application using React, TailwindCSS, Node, PostgreSQL, and AWS cloud computing services.
- Designed a globally distributed architecture that enables users to simulate HTTP requests to API endpoints from 22 locations and compare responses against test assertions.
- Utilized AWS serverless products for the infrastructure responsible for triggering, running, and aggregating the results of API tests to minimize user maintenance and increase reliability.
- Decoupled serverless components by using AWS's managed messaging services (SQS, SNS) to increase reliability and efficiency.
- Built a notification system that triggers messages via email, Slack, or Discord in the event of a failed test.
- Automated the deployment of application infrastructure using AWS's Cloud Development Kit.
- Authored a **case study** 🔗 on Seymour's use case and the team's design decisions.
- Collaborated with a remote team of 4 engineers distributed across the US and Europe.

Launch School, *Captone Program* May 2022 – Sep 2022

An intensive finishing program that covered advanced topics such as system design, cloud infrastructure, and agile, team-based development. Notable projects completed:

- Trellific: A project management app inspired by Trello. Built with React/Redux, Node and MongoDB. Containerized with Docker.
- Snaggl: An app for inspecting and debugging webhook requests. Built with React, Node & PostgreSQL.

Launch School, *Full-Time Software Engineering Student* Apr 2021 – Apr 2022

Mastery-based education program focused on software engineering fundamentals. Developed web applications with technologies such as Node, PostgreSQL, React, JavaScript, HTML and CSS.

Skills

Languages and Frameworks

JavaScript, Node, Express, React, Redux, Next, TailwindCSS, HTML, CSS, Go

Cloud

AWS, DigitalOcean, Heroku, MongoDB Atlas

Other Technologies

PostgreSQL, MySQL, HTTP, REST APIs, Git, GitHub, Docker, Linux, CI/CD

Professional Experience

Accountant (CPA) 2011 – 2021

- Experience includes both public accounting (audit) and corporate financial reporting

Education

University of Southern California, *Master of Accounting* 2011

California State University, *B.S. Finance* 2009