

# Tim Dronkers

📍 Colorado, USA    🖱️ [www.dronkers.dev](http://www.dronkers.dev)    ✉️ [tim@dronkers.dev](mailto:tim@dronkers.dev)

## Technical Experience

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**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**, *Capstone 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

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### 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

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**Accountant (CPA)** 2011 – 2021

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

## Education

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**University of Southern California**, *Master of Accounting* 2011

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