

# Tim Dronkers

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

## Technical Projects

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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.js, Tailwind CSS, Node.js, 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**, *Full-Time Software Engineering Student*

Apr 2021 – present

Attended a mastery-based education program focused on software engineering fundamentals.

Notable projects completed include:

- Trellific: A project management app inspired by Trello. Built with React/Redux, Node.js, and MongoDB. Containerized with Docker.
- Game Alert: A full-stack app that provides custom notifications for sporting events via email and SMS. Built with JavaScript and PostgreSQL.
- Snaggl: An app for inspecting webhooks. Built with React.js, Node.js, and PostgreSQL.

## Skills

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### Languages and Frameworks

JavaScript (ES6), Node, Express, React, Redux, Next.js, SQL, HTML, CSS, Go

### Cloud

AWS, DigitalOcean, Heroku, MongoDB Atlas

### Other Technologies

HTTP, REST APIs, Git, GitHub, RDBMS, NoSQL, 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