Tim Dronkers

📍 www.dronkers.dev   ⚫ tdronkers04   ✉ tim@dronkers.dev   📍 Colorado, USA

💼 PROFESSIONAL EXPERIENCE

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

Seymour is an open-source, easy-to-configure active monitoring tool that enables users to test production API endpoints for availability, performance and correctness of data.

- Built user interface to create and manage tests and view results (React/Redux, Tailwind CSS, D3).
- Created back end service with endpoints to configure, edit, view and delete tests (Node/Express, PostgreSQL, AWS SDK, EventBridge, Elastic Beanstalk).
- Utilized serverless functions to originate HTTP requests from 22 globally distributed locations and test the responses (AWS Lambda).
- Decoupled system components by using AWS's managed messaging services (SQS, SNS).
- Reduced system load by using custom message attributes with AWS SNS topic subscription filtering.
- Built a notification system that triggers email/Slack/Discord messages in the event of a failed test.
- Automated the deployment of AWS infrastructure using Cloud Development Kit (~50 components).
- Applied Agile principles to manage tasks, set deadlines and identify roadblocks for a team of four engineers distributed across the United States and Europe.
- Authored technical case study 🔗 covering system design and engineering decisions/ tradeoffs.

Software Engineer, Self-employed   April 2021 – May 2022

Developed open-source software including:
- Trellific: a Kanban-style project management tool (React/ Redux, Node.js, MongoDB, Docker).
- Snaggl: an app for inspecting and debugging webhooks (React, Node.js, PostgreSQL).
- Game-Alert: a custom notification app for sporting events (JavaScript, Node.js, PostgreSQL).

Corporate Accounting and Financial Analysis, Various Companies   2013 – 2021
- Wide range of financial experience includes SEC reporting, budgeting / forecasting, process design and automation, project management and supervision of junior analysts.

Certified Public Accountant, PricewaterhouseCoopers, LLP   2011 – 2013
- Assisted with the planning and execution of financial statement audits.
- Provided financial advice to a wide range of clients in the technology and wine industries.

🧠 SKILLS

Languages	Frameworks & Libraries	Cloud	Other Technologies
JavaScript, Go, Python, SQL, HTML, CSS	Express, React, Redux, D3, Next, TailwindCSS, Jest, Handlebars	AWS (EC2, Lambda, SQS, SNS, EventBridge, RDS, S3, ElasticBeanstalk), Digital Ocean Droplets	PostgreSQL, MongoDB, HTTP, REST, Git, Github, Linux, Nginx, CI/ CD

🎓 EDUCATION

Software Engineering, Launch School 🔗
Multi-year, mastery-based software engineering curriculum, with progression measured and gated by rigorous written exams and live coding interviews to develop problem-solving and technical skills.

Master of Accounting, University of Southern California

Bachelor of Science, Finance, California State University