

Matt Gleich

Software Engineer and Student at Rochester Institute of Technology

Experienced software engineer with a diverse skill set in Go, Rust, TypeScript, and more. Demonstrated ability to collaborate with senior-level developers and drive impactful projects, as seen in my role as a contracted developer at Stainless. Adept at spearheading automation processes and optimizing software delivery for enhanced customer interaction.

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github.com/gleich

WORK EXPERIENCE

Engineering Developer Stainless

06/2022 - 12/2022 Brooklyn, NY

Automatic idiomatic SDK generation for Node, Python, Java, and more based on REST API. Growing customer base including OpenAI (creators of chatGPT).

Achievements/Tasks

- Spearheaded and kickstarted the company's REST API, the main way our product interacts with customers.
- Automation project owner. Lead the automation of the company's testing and deployment.
- Created GitHub actions and workflows to help automate the delivery and testing of our product.

Contact: Alex Ratray (CEO) - alex@stainlessapi.com

Contracted Developer rootly

02/2021 - 12/2021

Modern on-call and incident response platform

Achievements/Tasks

- Developed the official CLI (command-line interface) for customers using rootly for SRE.
- Crafted customer-facing documentation for the CLI.
- Created GitHub Action and homebrew tap for the CLI.

Contact: Quentin Rousseau (CTO) - quentin@rootly.com

Cloud Automation Intern Bottomline Technologies

06/2021 - 08/2021

Achievements/Tasks

- Won first place with my team in the Intern Innovation Challenge for the second year in a row.
- Built documentation tool using goLang for documenting shared GitLab pipelines used for all lines of business.
- Developed templates for GitLab CI and CD pipelines used across the entire company and every line of business.
- Worked globally with agile methodologies as part of a Scrum team.

Contact: Webster Paton (Manager) - WPaton@bottomline.com

Cloud Automation Intern Bottomline Technologies

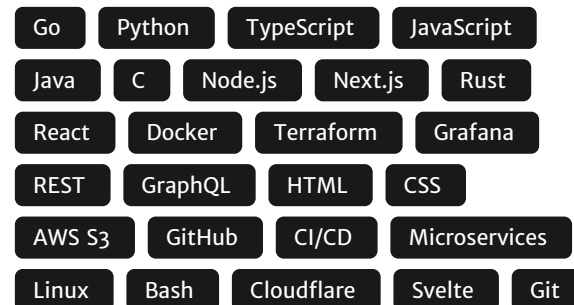
06/2020 - 08/2020

Achievements/Tasks

- Configured infrastructure for GitLab self-hosted switch from BitBucket.
- Created a release automation tool in Python.
- Presented what open-source (inner-sourcing) at Bottomline could look like, winning first place in the Intern Innovation Challenge.
- Worked globally with agile methodologies as part of a Scrum team.

Contact: Webster Paton (Manager) - WPaton@bottomline.com

SKILLS



PERSONAL PROJECTS

Personal Website (06/2024 - Present)

- <https://mattglei.ch>
- 4th iteration of my website written in Next.js (React)
- Utilizes SSR, PPR, and other features of Next.js to provide excellent performance (100 real experience score)
- Uses my service called lcp (see below) to load live data from services like Strava and GitHub.

lcp (Lightweight Cache & Proxy) (06/2023 - Present)

- Technical writeup: <https://mattglei.ch/lcp>
- Written in Go with full deploy CI/CD to my Caprover server using GitHub actions.
- CI/CD for deploying, building, and linting using GitHub actions.
- Runs in a Docker container on my Caprover server.
- Caches, aggregates, and processes data from a number of API's such as Strava's API and GitHub's API.
- Stores cached data in mutex lock to share between threads.

Raspberry Pi Kubernetes Cluster (06/2022)

- A lightweight Kubernetes distribution called k3s deployed across 4 Raspberry Pis.
- Utilized CI/CD (GitHub actions) to provide automation pipeline to cluster.
- Provided observability using Prometheus and Grafana
- Deployed numerous microservices for a project on the cluster.

Cycling & Photography

- Avid mountain biker and road cyclist (<https://www.strava.com/athletes/30124266>).
- Automotive, action sports, and wildlife/nature photographer.

EDUCATION

Bachelor of Science in Computer Science

Rochester Institute of Technology

08/2022 - 05/2027
5 year program