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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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 Rattray (CEO) – alex@stainlessapi.com

Contracted Developer
rootly

02/2021 – 12/2021

SRE management platform right from right in Slack

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

Go · Rust · TypeScript · JavaScript · HTML · CSS · Python · Java · LaTeX · Git · GitHub · Docker · Vercel · Cloudflare · Kubernetes · Terraform · Caprover · Grafana · Next.js · Svelte · Svelte Kit · React · OpenCV · GraphQL · Linux · Bash · CI/CD · C · REST

PERSONAL PROJECTS

Personal Website (11/2022 – Present)

- https://mattglei.ch
- 3rd iteration of my personal website written in Svelte Kit after writing it in Flutter and Next.js.
- Uses data from my REST API on my personal caprover server.
- Runs in a custom Docker image that is managed in caprover.
- Uses Strava's REST API and Mapbox's API to display recent Strava rides.

is31fl3731 Integrated Circuit Driver (01/2022 – 05/2022)

- Developed a driver for Lumissil Microsystem's IS31FL3731 integrated circuit.
- Uses Rust's embedded hal, a library providing generic definitions for hardware abstraction layers.
- Used Saleae logic analyzer for debugging.
- Part of an independent project in my senior year of high school, where I developed and manufactured my own PCBs using KiCad.

Raspberry Pi Kubernetes Cluster (06/2022)

- Using a lightweight Kubernetes distribution called k3s, deployed Kubernetes across 4 Raspberry Pis.
- Built observability tools for Raspberry Pis using Prometheus.
- 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