Bora Tanrikulu

Software Engineer

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I am a software engineer living in Izmir, a beautiful city in Turkey. With a passion for creating simple and effective solutions, I enjoy building open-source projects. Currently, I am developing an observability and monitoring tool at Sematext.

My technical interests include Go, Observability, Networking, Kubernetes, and eBPF. I enjoy learning about new technologies and staying up-to-date with the latest industry trends.

Skills

Go, Docker, Kubernetes, Distributed Systems, GNU/Linux, Shell Scripting, Computer Networks, Git, CI/CD, Ansible, PostgreSQL, Kafka

Experience

Software Engineer, Agent Team at Sematext

Feb 2023 - Present, Remote (Headquarter: USA)

As a member of the Agent team, I utilize my expertise in Go, Kubernetes, Docker, and eBPF to develop an observability and monitoring tool. My role involves contributing to the development of the tool, working closely with the team to ensure its functionality, and continuously improving its performance. I am excited to be part of a dynamic team that is dedicated to creating innovative solutions for the observability and monitoring space.

Software Engineer, Cloud Platform Team at Acronis

Aug 2021 - Aug 2022, Remote (Headquarters: Switzerland and Singapore)

As a member of the account management and authn/authz team, I utilized my expertise in Go, Python, K6, Ansible, Kubernetes, Docker, and JS to contribute to the development and maintenance of the services.

- Successfully migrated various REST APIs from the Python legacy codebase to the new Go codebase.
- Contributed to the implementation of a soft-delete feature requested by customers.
- Developed and maintained account management REST API endpoints that receive millions of requests every day.
- Developed a CLI for internal DC registration operations. Wrote Ansible playbooks to handle the registration while production deploying.

Software Engineer, Crawling Team at Wope

Aug 2020 - July 2021, Remote (Headquarter: Turkey)

As a founding member of the data crawling team, I utilized my expertise in Go, Kafka, Kubernetes, Knative, Docker, and GitLab CI/CD.

- Proposed, designed, and implemented a high-performing crawler that scrapes ~10 million pages per day and scales effectively.
- Utilized a Knative-based serving architecture to handle production traffic.
- Created CI/CD pipelines for 7 engineers using GitLab, deploying 13 applications.
- Developed and maintained SEO analyzing tools and REST APIs in Go.

Open Source Work

Durdur
CLI tool for Linux implementing L3/L4 packet dropping with eBPF/Go.

Quik.do
Self-hosted video conferencing over WebRTC in Go. Works on Pion, Fiber and FastHTTP.

Lirik.app
Lyrics and translations for currently playing song in your Spotify account.

Community

I've previously taught the following courses:
bora.sh/journey

- Izmir Science High School: philosophy and basics of GNU/Linux to inspire young students.
- Free Software Camp: assistant lecturer in the Ruby/Rails class for 2 weeks.
- Pamukkale University: various courses on GNU/Linux, DNS, Security, and Networking.

Education

Computer Engineering, Pamukkale University

Bachelor of Science, 2017 – 2022

Languages

Turkish, English