

KAUTILYA TRIPATHI

knrt10.github.io — tripathi.kautilya@gmail.com — in/knrt10 — github.com/knrt10 — +91-7906387146

SUMMARY

- Experience with backend web services and open source development. Interested in SRE, distributed systems, dev tools and systems programming.
- Go, JavaScript, TypeScript, Kubernetes, Docker, ElasticSearch, MongoDB, git, bash.

EXPERIENCE

Hackerrank *Bengaluru, India*
SDE Intern Jan'20 – Present

- Working on a new product, hope to go live soon on production.

Cloud Native Computing Foundation *Remote*
Community Bridge Intern Jan'20 – Present

- Autoscaling CoreDNS Nodes on Kubernetes Clusters Through Exposed Metrics .

Open Mainframe Project *Remote*
Open Mainframe Intern June – Sep '19

- Built docker images for s390x architecture on SUSE along with a bot to keep the images in sync with Dockerhub and Github.
- Setup Jenkins CI pipeline. [Project's Repository](#) and [Bot Repository](#).

Rocket.Chat *Remote*
Google Summer of Code Student May – Sep '19

- Added new feature of Realtime-Monitoring to their product Livechat. [GSoC Work Report](#).

Atlan *New Delhi, IN*
Software Development Intern (Backend) Jan – July '19

- Worked on Baseline Upload for their software collect.
- Rewrote Collect's File Upload which increased the speed and error handling by 99%. Used Jmeter and Blazemeter for load testing. Deployed their code to development and staging.
- Implemented task queues and workers using SQS and RabbitMQ.
- Rewrote their module response validation in Golang.

PROJECTS

- **Typeracer-cli** – Learn how to touch type from terminal. Written in [TypeScript](#).
- **asciiConvert** – Get ascii art in terminal. Written in [Golang](#)
- **cloudinary-cli** – CLI tool for managing files in cloudinary.com. Code can be [found here](#)
- My other projects can be [found here](#)

Open-source contributions: I am an active OSS contributor. My [Merged PR's](#) and [open PR's](#).

TALKS

- **The Linux Foundation, Open Source Summit, Lyon** – Gave a talk on my Open Mainframe project. Refer [Image](#) and [Slides](#)

EDUCATION

International Institute of Information Technology, Bhubaneswar Aug '16 – Present
Bachelor of Technology in Computer Science and Engineering