# KAUTILYA TRIPATHI

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## 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

· Wrote the whole backend in Ruby for their new question type Code Review. This is a new question type to hire Senior Engineers.
· Deployed a new cluster for code review.

**The Linux Foundation**                                                                              *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*