

# Building CLI Apps with Golang

By Chamod Perera



# • Hey! I'm Chamod

You can find me at [@chamodshehanka](#)  
Or  
Visit [chamodshehanka.com](#)



# Today I'm gonna Cover

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**Why CLI in 2022**

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**Why Go for CLI  
development?**

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**Famous CLI tools  
written in Go**

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**Libraries for Go  
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**What Next with Go  
CLIs**

**Why people  
still use  
CLIs?**



# CLIs are very powerful

- Powerful and Robust
- Repetitive Tasks Friendly
- Less Resources
- Good for Devs and DevOps

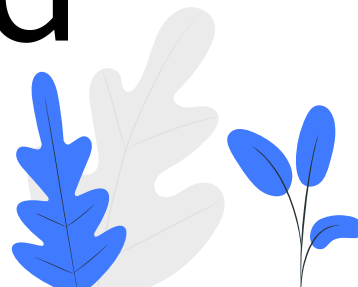
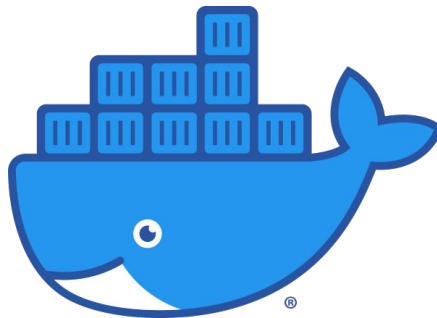
# Why we should use Go for CLI apps?



## Famous CLI Tools written in Go



**GitHub**

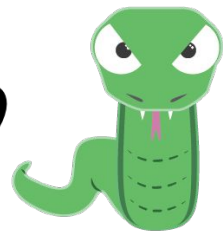


## Libraries for Go CLIs



**cobra**

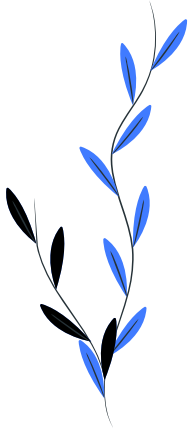
**viper**





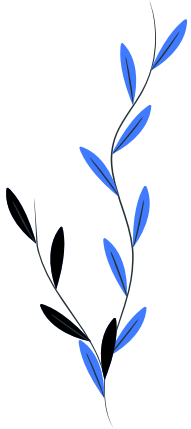
# Cobra Cool Features

- Easy to setup the project using **cobra init**
- Automatic code generation (Boilerplate)
- Suggestions
- Different Flag Types

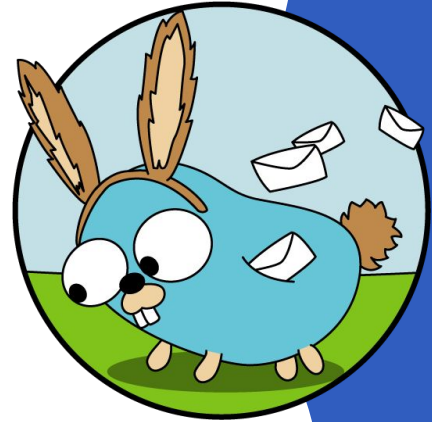


# Viper Cool Features

- Help to Keep App Configs
- Read config files
- Read ENVs
- Read from remote config system



# Demo Time





1. Fork the repo
2. Clone and complete the implementation
3. Send a PR

<https://github.com/golangsrilanka/calculator>

# What's next with Go CLIs

Survey

```
? Choose a color: [Use arrows to move, type to filter]
> red
  blue
  green
```

```
Writing in colors is so much fun
You can use colors to color specific phrases
We can have bold text
We can have underlined text
But text styles don't work quite like colors :(
And they also have backgrounds!
You can style strings the same way you can color
You can mix text styles with colors, too!
look at this cool lime text!
```

Chalk

# Thanks

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