Ondrej Sika DevOps

Course

Golang for DevOps

Course Outline

- Introduction to Go
 - Brief history of Go
 - Why Go
- Setup development environment (Linux, Mac, Windows)
 - Install Go
 - Configure VS Code
 - Code organization & Structure
- Getting Started
 - Compiling (go build) and Running Go Applications (go run)
 - Go Packages and Modules
 - Formatting Go Source Code (gofmt)
- Go Basics
 - Variables, Contstanst
 - Types and Zero Values
 - Comments
 - Naming Conventions in Go
 - Package fmt (print)
 - Comparison and Logical Operators
 - Flow Control (if, for, switch)
 - Arrays
 - Maps
 - Slices
 - Structs
 - Pointers
 - Functions
 - Working with files
 - Packages & Modules
 - Goroutines & Channels
- CLI Apps in GO
 - Cobra (CLI)
 - Viper (config)
- Goreleaser
 - Go app distribution
 - Releasing using Goreleaser