

DevOps & Engineering Meta Skills

Course Outline

- Effective work in command line
 - Bash / ZSH keyboard shortcuts
 - Vim Basics
 - Must-know CLI tools
 - .bashrc, aliases, ...
 - Dotfiles
 - My shell environment on desktop and shell
- Effective work with VSCode
 - VS Code Introduction
 - Keyboard shortcuts
 - Advanced configuration
 - Must-know plugins
 - Remote SSH
 - Code Server (VS Code in browser)
 - Github Copilot
- EditorConfig
- Advanced work with Git
 - Git from CLI
 - Git Rebase + Interactive Rebase
 - Git Hooks
 - Advanced configuration and commands
- WSL (Windows Subsystem for Linux)
 - What is WSL and why it's a game changer
 - Setup of WSL
 - Configuration of WSL
- Make, Makefile
 - How and why to simplify work using Makefile
 - Make basics
 - Advance configuration in Makefile
- Own CLI tool
 - Advandages of own CLI tool (in Go)
 - Replace your shell script with Go tool

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- slu - example of own CLI tool (SikaLabs Utils, open source)
- Quick intro into Go
- Introduction to development of own CLI tool in Go
- Distribution of Go CLI tool using GoReleaser
- Effective work with MacOS & Windows
 - Package managers
 - Brew (Mac)
 - Winget, Choco (Windows)
 - Must-know apps
 - System setting to be more productive