Go is an open-source programming language which allows you to create robust and effective applications of any level of complexity.

Its concurrency mechanisms allow developing programs which use the capabilities of multi-core machines in the most efficient way. Go is compiled quickly to machine code and uses a convenient mechanism of garbage collection. This quick, static typed compiled language is comparable with dynamically typed interpreted languages in terms of convenience.

Books on Go

1. An Introduction to Programming in Go - a good book for beginners
2. Learning Go: An Idiomatic Approach to Real-World Go Programming - a good book for beginners
3. The Go Programming Language - the book on basics of Go from Google's Go team member.
4. Go Design Patterns - design patterns for Go applications.
5. Level Up Your Web Apps With Go - improve your applications using Go.

   Online tutorials and other useful resources:
   1. A tour of the Go programming language - an interactive tour on Go
   2. Effective Go - tips on writing clear, idiomatic Go code.
   3. Go by Example - examples of solving typical problems with Go
   4. The Go Programming Language on Reddit - the community of Go developers on Reddit
   5. Awesome Go - a curated list of awesome Go frameworks, libraries and software.

Databases

1. MySQL. Notes for Professionals book - covers almost all basic operations with DB.
2. PostgreSQL. Notes for Professionals book - learn relational databases through the examples on PostgreSQL.

3. MongoDB: The Definitive Guide - this guide shows you the advantages of using document- oriented databases.

   Online tutorials and other useful resources:
   1. SQL Tutorial - the SQL basics for beginners.

Javascript, HTML, CSS

1. HTML: HyperText Markup Language - tutorial on HTML.
2. CSS: Cascading Style Sheets - tutorial on CSS.
3. A set of You Don't Know JS books. These books discuss and explain almost all the features of JS.
4. Web technology for developers - Guide to the Web from Mozilla. Detailed analysis of the capabilities of JS/HTML/CSS and other technologies.

Digests

1. https://t.me/golang

GIT

1. Pro Git book - this book contains all necessary information on Git usage.
2. git-flow cheatsheet - the cheatsheet on basic usage and effects of git-flow operations