

# GOLANG DEVOLPMENT

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## About This Course

In this course we will go through all the fundamentals of Programming languages and take on GO programming language, apply and study SQL database systems, Implementing web development using REST API's, Finally completing a Golang Project for web development. From this course we will go through GIT code versioning tool and also study some DevOps tools such as Docker and Kubernetes.

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## Course Schedule

### Module 1

- Programming Language Basics
- Basic Understanding of GO
- Pattern Printing
- Array Programs
- Basics Programs

### Module 2

- Advanced Go concepts like go routines, channels and Interfaces etc
- Web Development fundamentals
- REST APIS
- Basic CRUD Using REST
- Database :RDBMS-POSTGRESQL
- CRUD with Database using REST
- USER and ADMIN Managment MINI PROJECT

### Module 3

- Project Planning
- Database Design
- Project Design Using FIGMA
- Project Coding session
- Hosting The Project To AWS EC2

### Module 4

- Code Versioning Using GIT
  - Docker, DockerFile, Docker Compose
  - Kubernetes Beginner Level-Deployment, Writing Connfigurations etc
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## TECHNOLGIES

- GOLANG
- PostgresSQL
- JWT
- GIT
- Docker
- Kubernetes
- Frameworks- net/http,GIN-GONIC