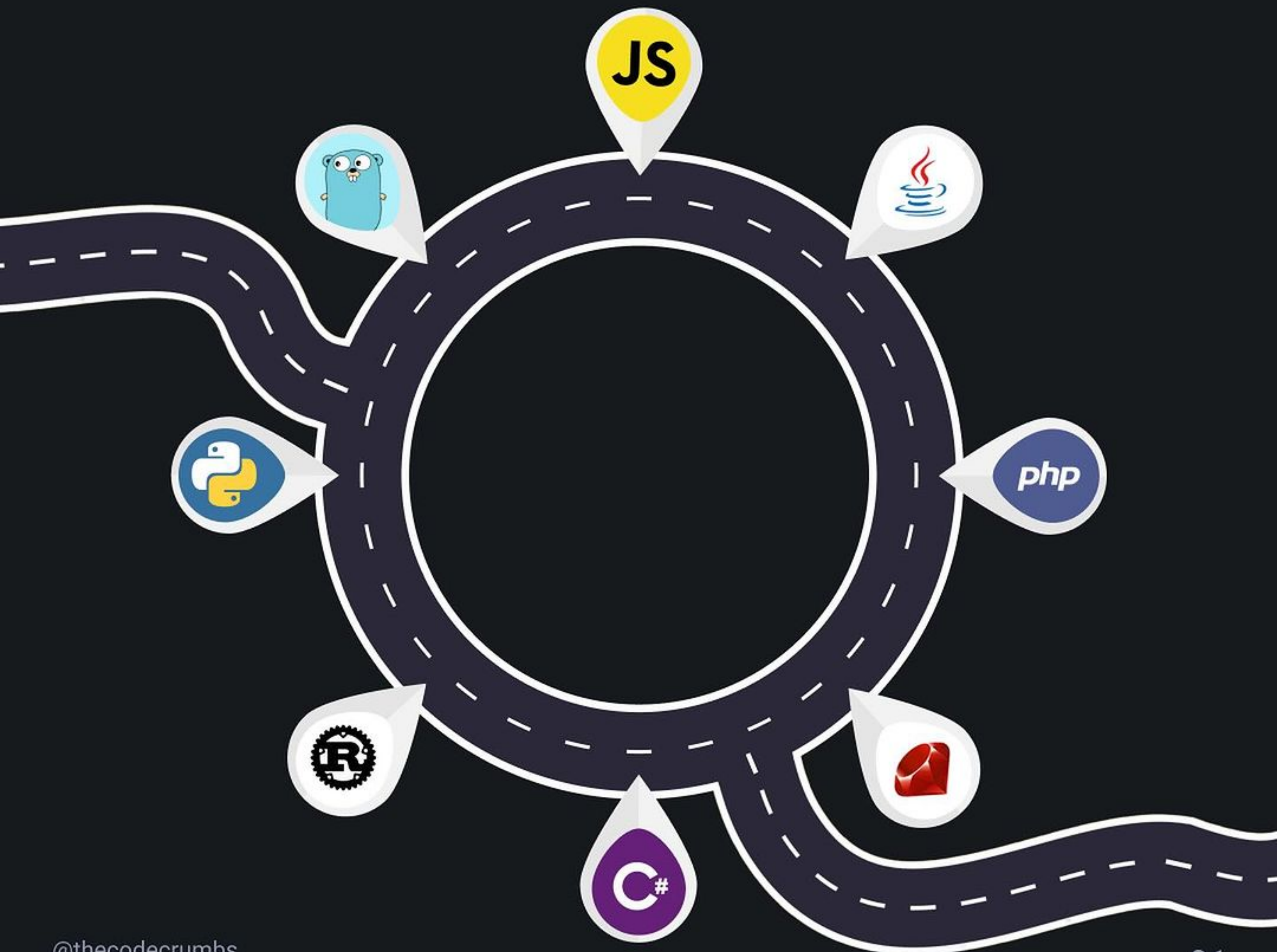


 Roadmap



Roadmap for **Backend Developers**

Pick A Language



Version Control & Repo Hosting

Learn basic
git commands

Repository
hosting systems

- GitHub
- GitLab
- Bitbucket

Databases

Relational Databases

- PostgreSQL
- MySQL
- MariaDB
- MS SQL
- Oracle

NoSQL Databases

- MongoDB
- RethinkDB
- CouchDB
- Dynamo DB

More About Databases

- ORMs
- ACID
- Transactions
- N+1 Problem
- Database Normalization
- Indexes

(optional)
Data Replication

(optional)
**Sharding
Strategies**

(optional)
CAP Theorem

Application Program Interface (API)

Authentication

- OAuth
- Basic Authentication
- Token Authentication
- JWT

REST

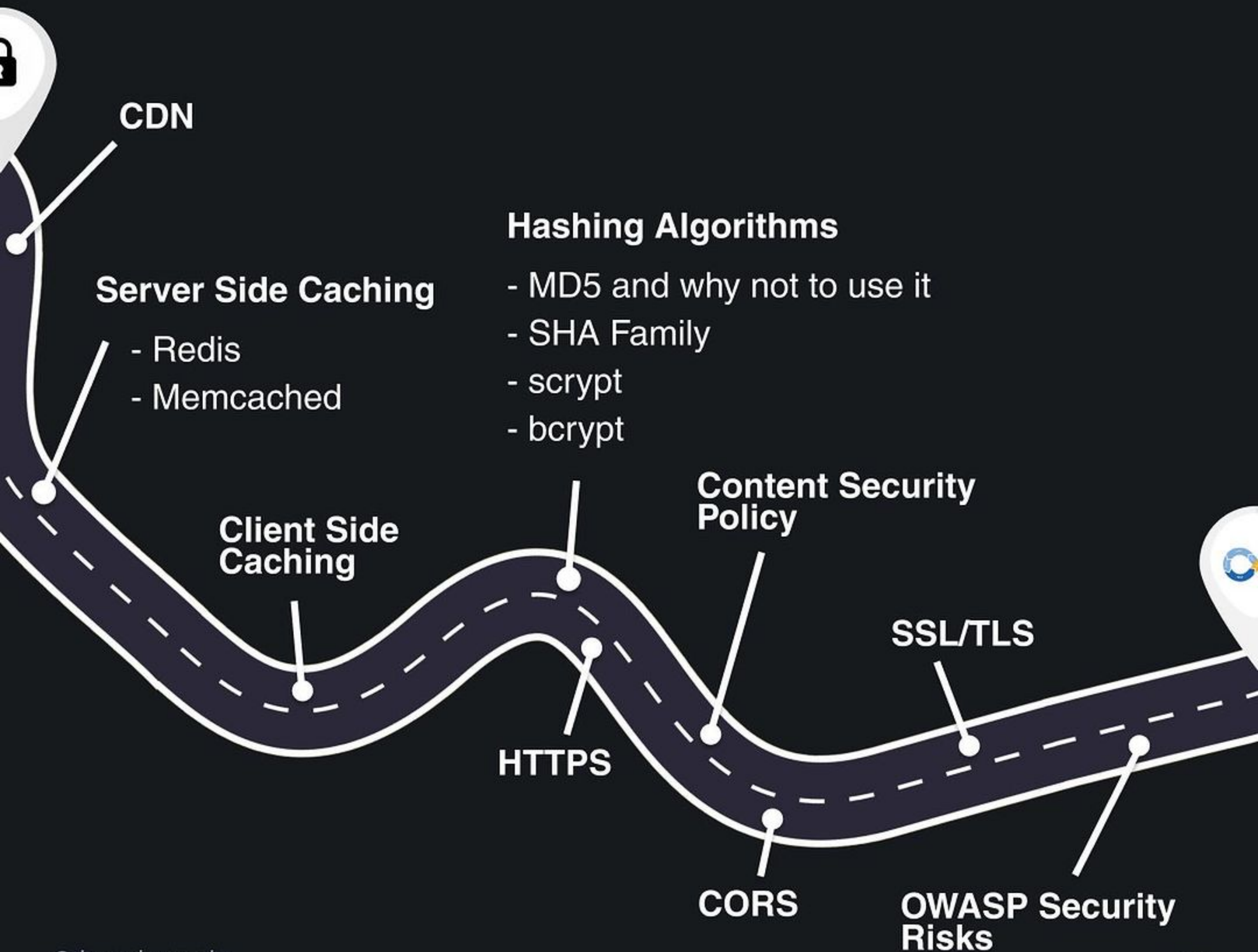
(optional)
Open API Spec
and Swagger

(optional)
HATEOAS

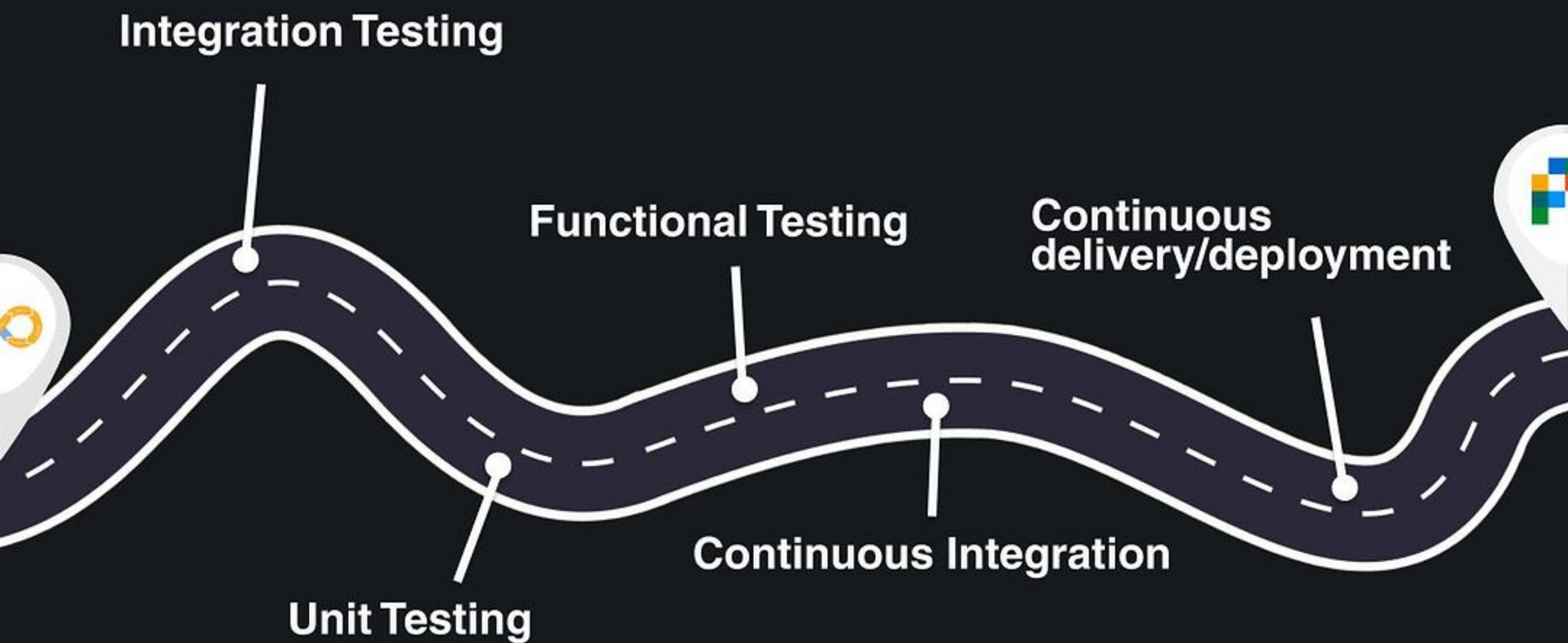
(optional)
SOAP

JSON APIs

Web Security & Caching



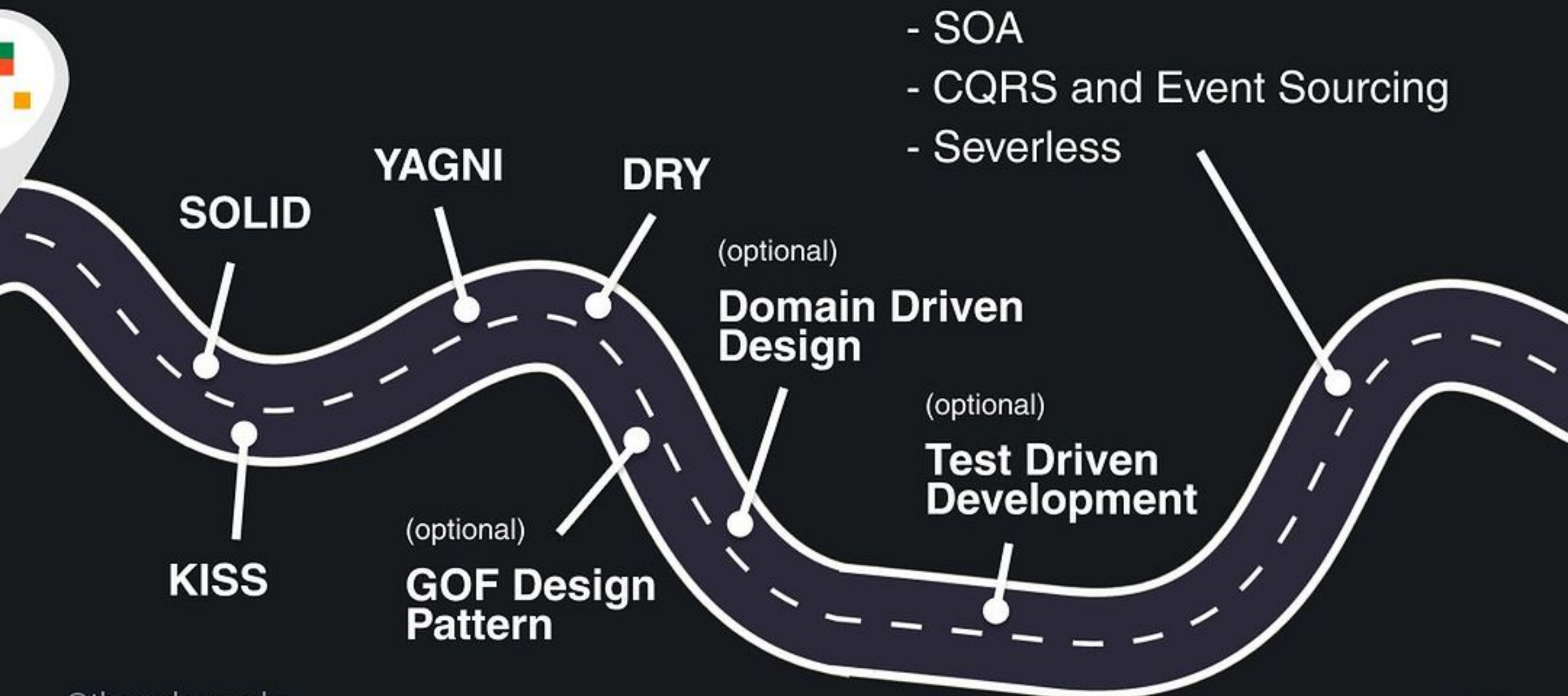
Testing & CI/CD



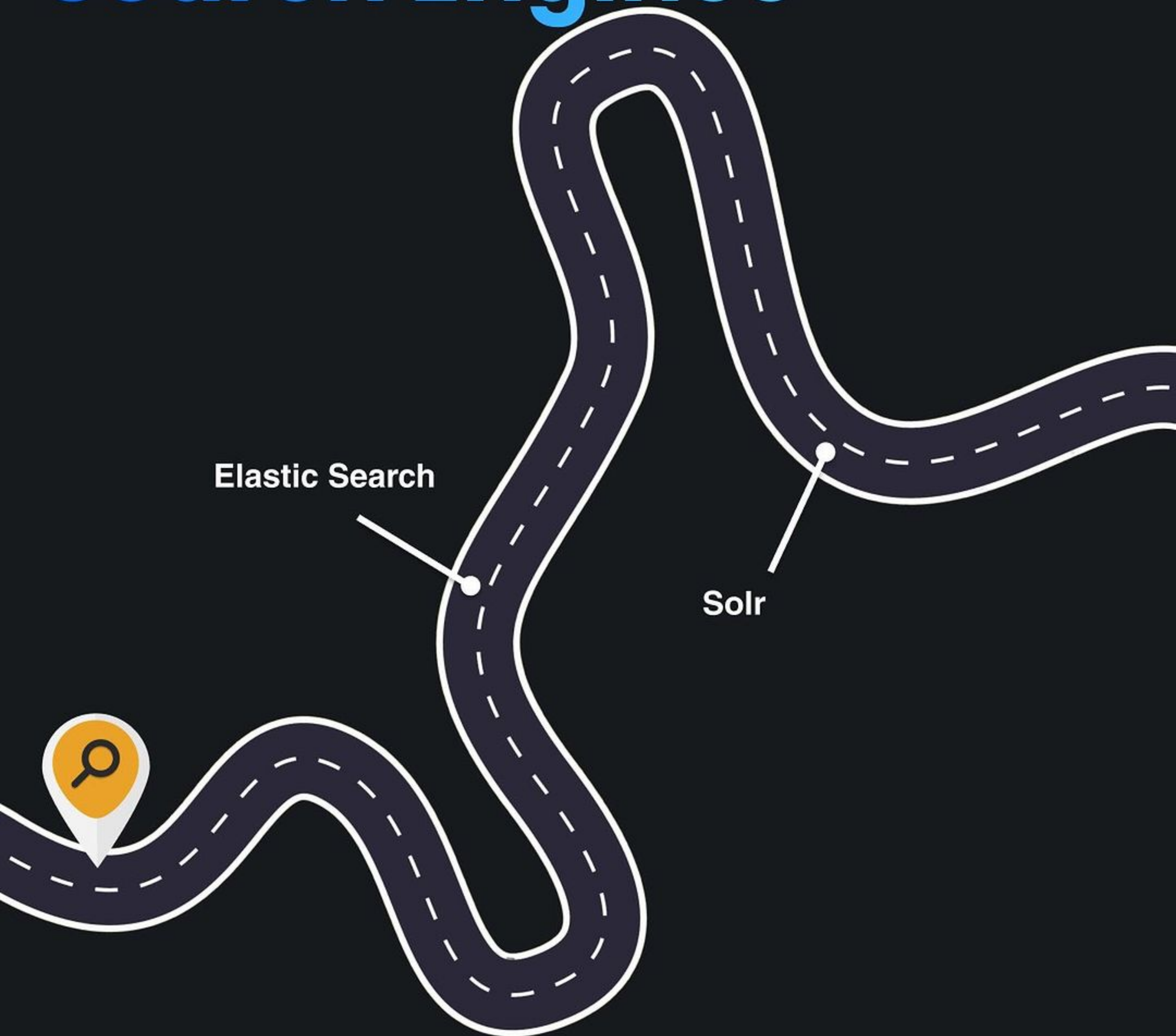
Development & Design Principles

Architectural Patterns

- Monolithic Apps
- Microservices
- SOA
- CQRS and Event Sourcing
- Serverless



Search Engines





Add to Favourites

Which roadmap do you want next?

Source: <https://roadmap.sh>



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Save for later

