1 to 100

Advanced Backend, System Design

Advanced backend communication

Message queues and PubSubs

Proxies, Load balancers

Redis Deep dive

Kafka Deep dive

Common Design Patterns in JS

Advanced DB concepts (Indexing, normalization)

Rate limitting

Captchas and DDoS protection

Sharding, Replication, Resiliency

Horizontal and vertical scaling

Polling and websockets

Grpc

Capacity Estimation

Load Balancers

CAP Theorem

Testing Node.js Apps in 2023

Real time communication, basics of WebRTC

Advanced Devops

Docker Deep dive

Container orchestration, Docker Swarm

Kubernetes

CI/CD

Monitoring systems basics to advance

Promhetheus, Grafana

Newrelic as a paid service

Serverless Deep dive

AWS Constructs (EC2, S3, CDNs, LB, EKS)

Projects

Zerodha end to end

Zapier end to end

Real world open source projects