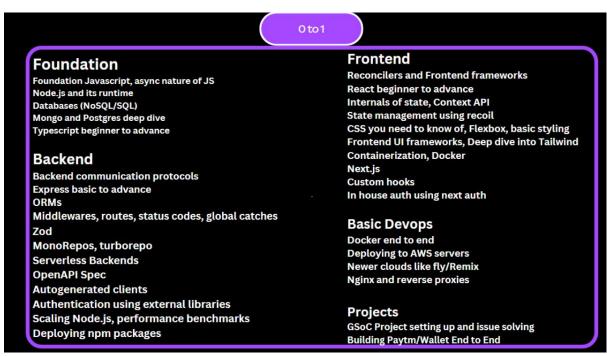
The course has been conducted in two stages-

- 1) 0-1
- 2) 1-100

Here is the syllabus of both parts-



1 to 100 Advanced Backend, System Design **Advanced Devops** Advanced backend communication **Docker Deep dive** Message queues and PubSubs Container orchestration, Docker Swarm Proxies, Load balancers **Kubernetes Redis Deep dive** CI/CD Kafka Deep dive Monitoring systems basics to advance Common Design Patterns in JS Promhetheus, Grafana Advanced DB concepts (Indexing, normalization) Newrelic as a paid service Rate limitting Serverless Deep dive Captchas and DDoS protection AWS Constructs (EC2, S3, CDNs, LB, EKS) Sharding, Replication, Resiliency Horizontal and vertical scaling **Projects** Polling and websockets Zerodha end to end Grpc Zapier end to end **Capacity Estimation** Real world open source projects **Load Balancers CAP Theorem** Testing Node.js Apps in 2023 Real time communication, basics of WebRTC