BOSSCODER ACADEMY

THE ULTIMATE
SYSTEM
DESIGN

Project Handbook

Producers

Event Router

Consumers
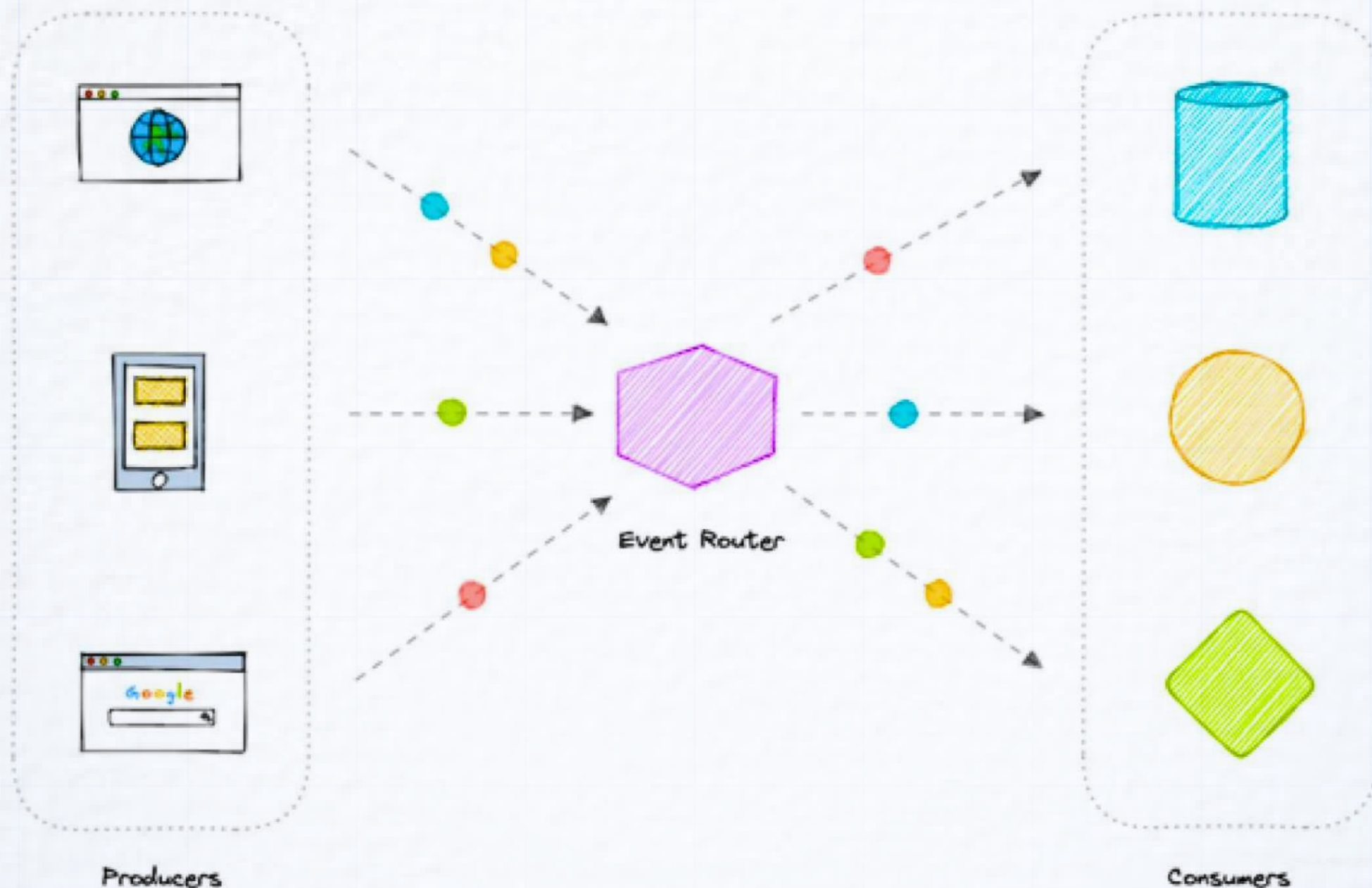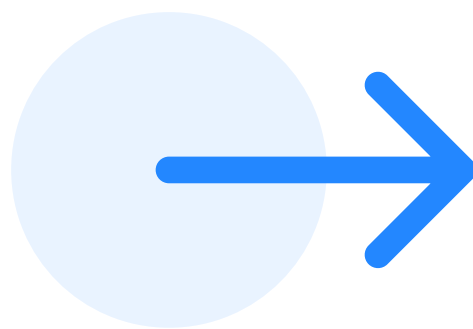
From basics to advance
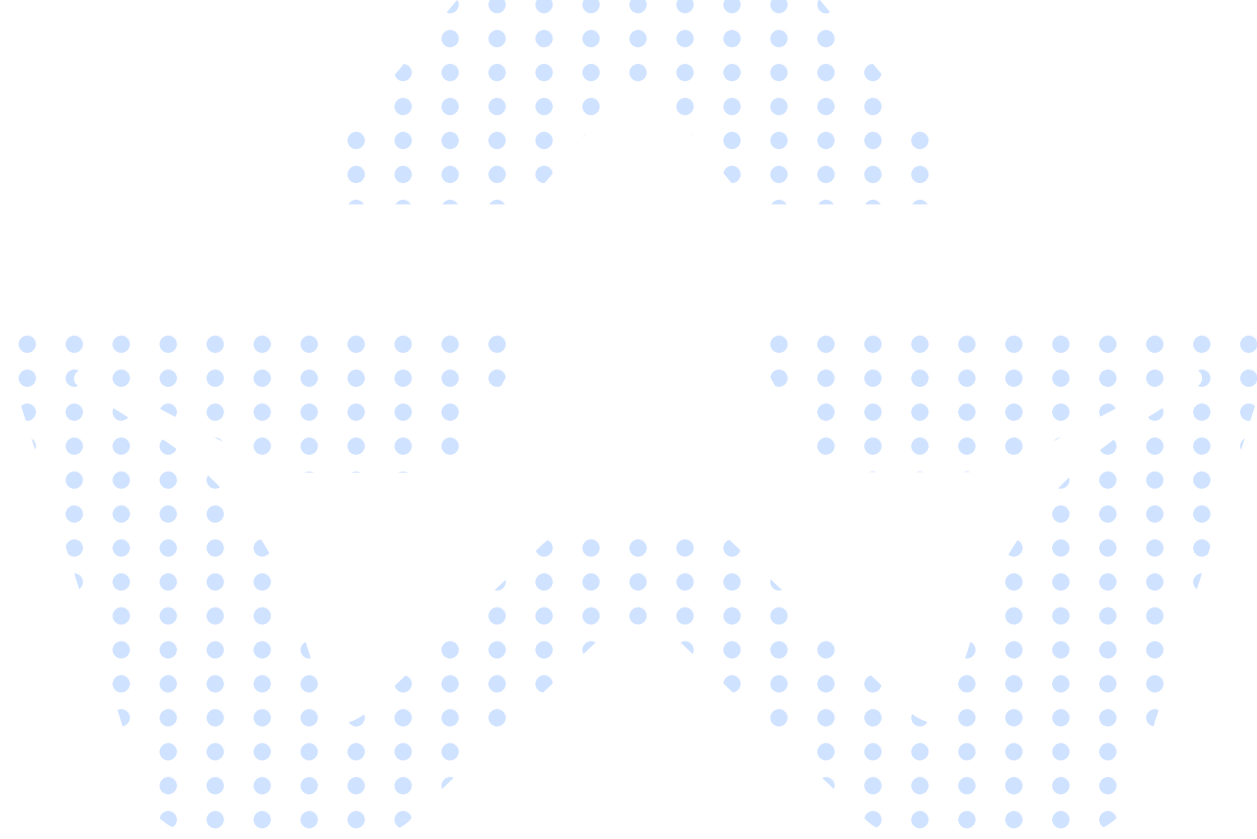
Become a
System Design Guru
with these 20 projects
covering the foundational
concepts to advanced
architectures.

→

Conquer Your Foundation

1. Commandeer URLs
Design a URL Shortener akin to TinyURL

2. Secure Text Realms
Design a Text Storage Service on the lines of Pastebin

3. Dominate Deliveries
Design a robust Content Delivery Network (CDN)

4. Park with Precision
Design an efficient Parking Garage system

5. Vend Like a Victor
Design the Mechanics of a Vending Machine

6. Key-Value Kingdoms
Design a Distributed Key-Value Store

Conquer Your Foundation

7. Cache Crusades
Design a Distributed Cache system

8. Job Juggernaut
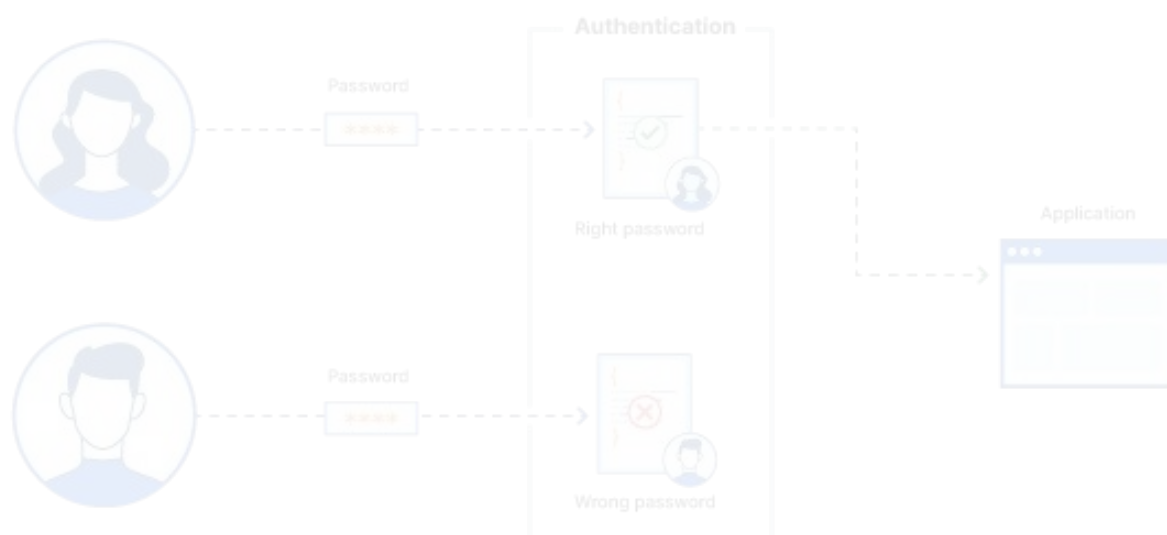Design a Distributed Job Scheduler
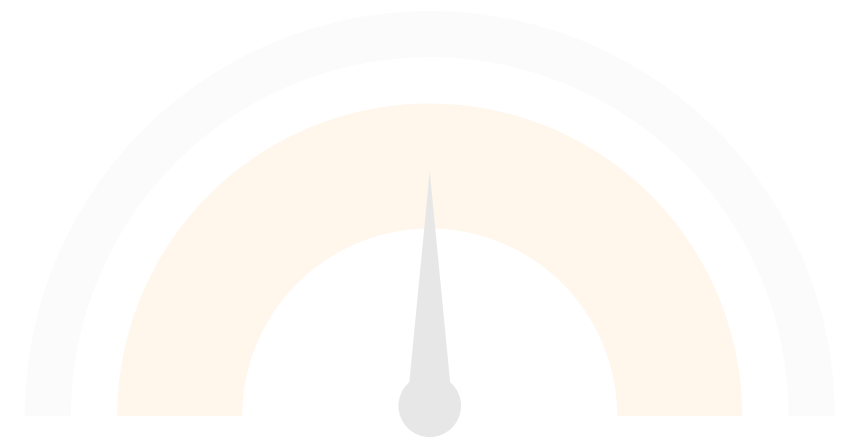
9. Authenticity Arena
Design an Authentication System

10. Payments Prowess
Design a Unified Payments Interface (UPI)

Elevate to Expertise

11. Insta-Influence

Design a social giant like Instagram

12. Matchmaker Mastery

Design a dating sphere like Tinder

13. Message Maestro

Design a messaging titan like WhatsApp

14. Social Sovereignty

Design a network like Facebook

15. Tweet Tycoon
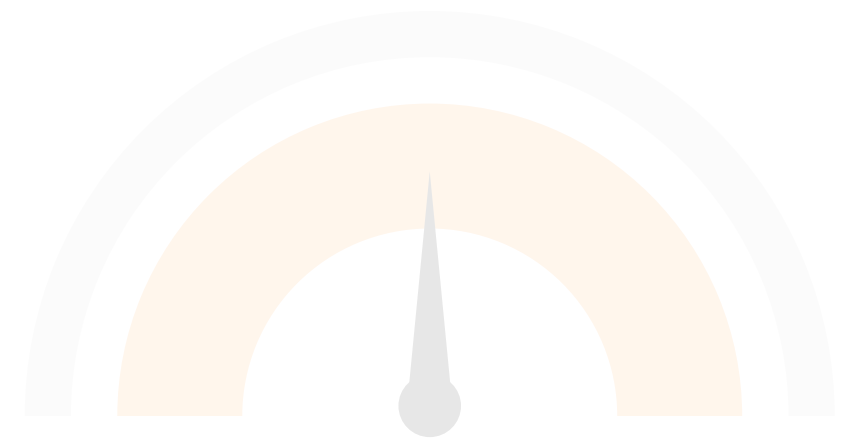
Design a microblogging hub like Twitter

16. Reddit Ruler

Design a community colossus like Reddit

Elevate to Expertise
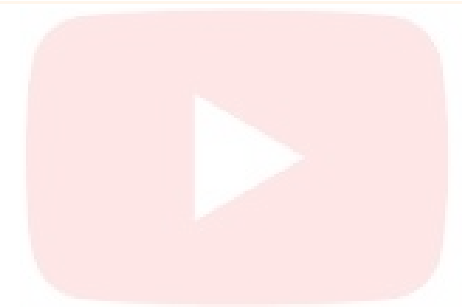
17.
Netflix Navigator
Design an on-demand streaming service

18.
YouTube Yoda
Design a video-sharing behemoth

19.
Google Guardian
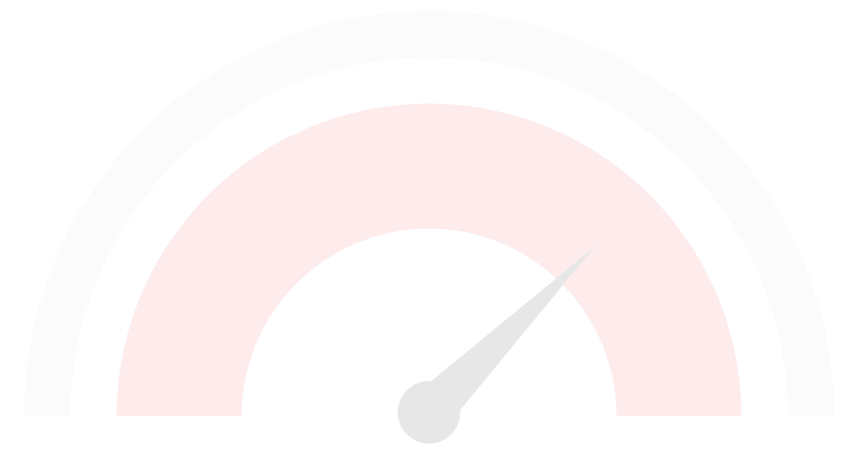Design a search engine strategy

20.
Amazon Architect
Design an E-commerce Storefront

The Boss Tier

21. **Yelp Yarn**
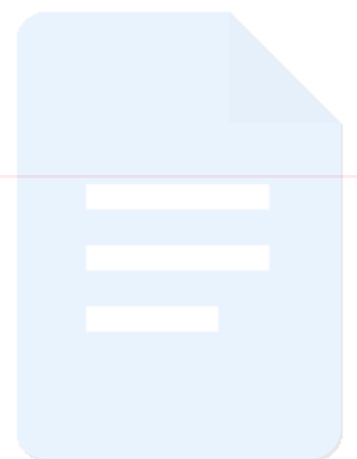Design a Location-Based Service like Foursquare

22. **Uber Overlord**
Design an App like Uber

23. **Deliverance Driver**
Design a Food Delivery App to rival Doordash

24. **Docs Dominator**
Design a collaborative platform like Google Docs

25. **Storage Sentinel**
Design Distributed Cloud Storage like to S3

Make sure to track your progress. Remember

CONSISTENCY is the KEY!

BOSSCODER ACADEMY

WHY BOSSCODER?

- **1000+** Alumni placed at Top Product-based companies.

- More than **136% hike** for every **2 out of 3** working professional.

- Average package of **24LPA.**

> The syllabus is most **up-to-date** and the list of problems provided covers **all important topics.**
>
> **Lavanya**
> ∞ Meta

> Course is very well **structured** and **streamlined** to crack any **MAANG** company
>
> **Rahul** .
> Google

EXPLORE MORE