



ADDITIONAL TOPICS

**Design and Develop a
Serverless Event-Driven
Microservice-Based Solution**



Event-Driven Mastery

Designing Flexible and Scalable Systems



Designing Events

**Use Descriptive
Event Name**

**Define Consistent
Event Schemas**

**Include Necessary
Information ***



Event Publishing

Idempotency

Event Versioning

**Publishing-
Subscribe Model**



Event Handling and Processing

**Design for Eventual
Consistency**

**Use Asynchronous
Processing**

**Retries and Dead
Letter Queres**



Event Storage and Management

Event Sourcing

**Ensure Durability
and Reliability**

**Monitor and Log
Events**



Security and Governance

**Secure Event
Channels**

Access Control

**Compliance and
Auditing**



Testing and Monitoring

Automated Testing

**End-to-End
Monitoring**

**Alerting
Mechanisms**



Scalability and Performance Optimization

Elastic Scaling

Optimize Event Size

Minimize Latency