JAVA Real time Project Using Microservices Architecture and React JS

Agent Customer Market Analyzer (ACMA)

Name: Agent Customer Market Analyzer
Domain: P&C (Property and Casualty) Insurance
Type: Full stack Development
Duration: 90 days
Cloud Platform: AWS

ACMA:
ACMA Stands for Agent and Customer Property Market Analyzer desingned and developed for the property and casualty insurance domain needs.

ACMA System Design

System Design is a blue print which explains how an application/product can be implemented to handle the entire users session from UI to the Database and from the deployment to documentation.

Majorly In system design we need the below 13 concepts to understand:

Part-1:
1. Requirements Gathering and Analysis
2. System Architecture
3. Data Storage and Manage Design
4. Domain Design
5. User Experince (UX) Design
6. Testing

Part-2:
1. High availability
2. Resiliency and Reliability
3. Scalability
4. Replication
5. Performance

Part-3:
1. Security
2. Maintainabiliy

Part-4:
1. Migration Plan
2. Documentation
3. Environement Cost Estimations and Optimization

The all above 13 system design concepts we can view with the below 8 categories:

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1. Networking
2. Storage
3. Compute
4. Communication
5. Architecture Patterns/Services
6. Security
7. Scalability and Reliability
8. Observability

Note:

All the Soft Copy of the Project Implementation Guides, Materials and class recordings will be uploaded to TechhubVault app.