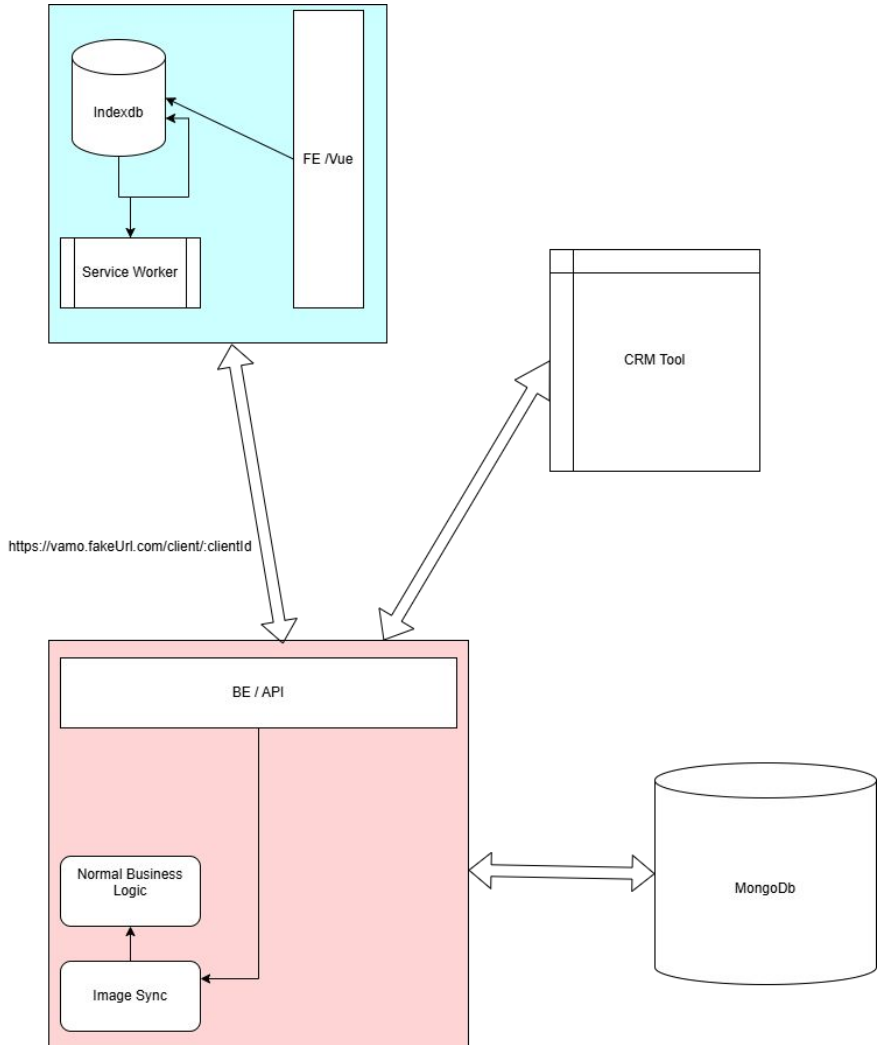
Presentation and Demo

By, Joseph Stanislaus D'souza

Technologies

1. Nx workspace
2. Vue Js
3. Nest Js
4. Mongo DB
5. Docker
6. CRM (Salesforce)

High Level Architectural Diagram

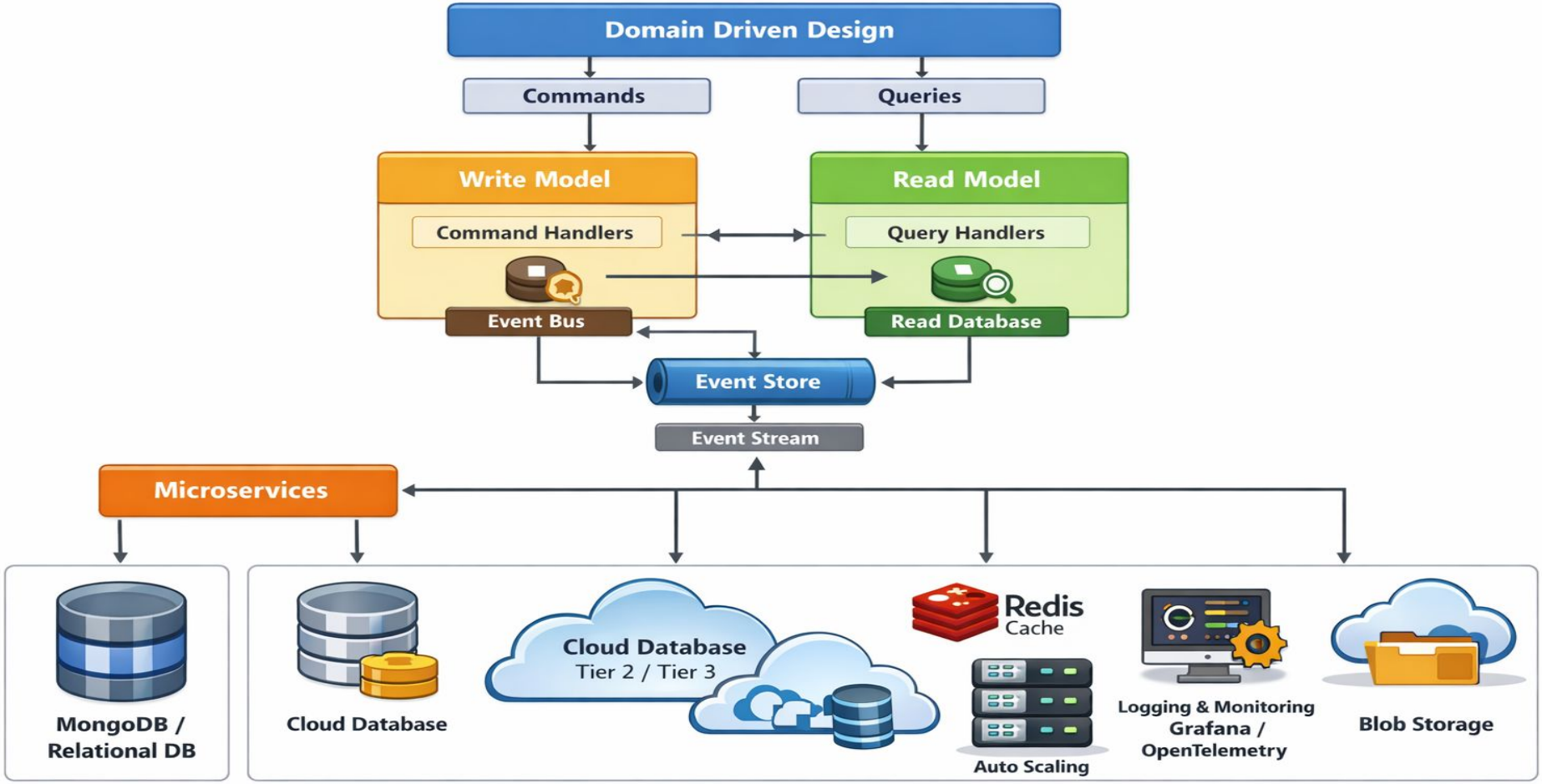


Few other details

1. API endpoint per tenant could be used as /api/lead-intake-funnel/tenant/:tenantId
2. Offline - Online sync Image uploads
3. Authorization using Oauth or JWT

Infrastructure & Scalability Strategy

1. Domain Driven Design
2. CQRS + Event driven + Microservices
3. Mongo (or Relational database ?)
4. Cloud Database (Depending on Cloud) - Tier 2 initially then Tier 3 based on Leads
5. Logging, Monitoring Cloud tools or Tools like Grafana , Open Telemetry
6. Auto Scaling
7. Redis caching
8. Blob storages
9. Analytics tools like Google , CubeJs etc
10. Translation (Multi lang -platform) - Phraser


Domain Driven Design
Commands
Queries
Write Model
Command Handlers
Read Model
Query Handlers
Event Bus
Read Database
Event Store
Event Stream
Microservices
MongoDB / Relational DB
Cloud Database
Cloud Database Tier 2 / Tier 3
Redis Cache
Auto Scaling
Logging & Monitoring Grafana / OpenTelemetry
Blob Storage

Thank you