

Job Title: Solution Architect – OmneNEST

Location: Mumbai (On-site only)

Experience: 8–12 years

CTC: Competitive

Employment Type: Full-time

About OmneNEST

At OmeneNest, we're building the next generation of broking systems—from thick clients and mobile apps to real-time analytics engines and scalable back-office platforms. Join a product first, tech-led team driving deep innovation in capital markets infrastructure.

Role Overview

As a Solution Architect at OmneNEST, you will own the cross-platform technical architecture across the full stack—web, mobile, backend, DevOps, and QA. You'll bring clarity and cohesion to complex real-time fintech systems by aligning distributed teams on technical design, performance standards, observability, and user experience. This role demands hands-on design and guidance, deep systems thinking, and a passion for building resilient, scalable platforms.

Key Responsibilities

- Define and maintain scalable, modular architecture across thick clients (Qt, Flutter), mobile apps, microservices, and API gateways
- Architect low-latency real-time systems integrating WebSocket's, streaming data (Kafka), and distributed stores (Pinot, Superset)
- Design for seamless integration of BFF layers, mobile APIs, and hybrid cross platform deployments (Flutter-mobile, Qt desktops, React-web)
- Guide cross-functional teams (frontend, backend, DevOps, QA, UI/UX) toward maintainable, testable, and observable systems
- Enforce consistency in design patterns, development practices, and code quality across projects
- Champion clean API contracts, data validation, and service boundaries in event driven or async environments
- Mentor engineering leads, set architectural guardrails, and resolve key tech decisions with long-term impact
- Drive system observability: logs, metrics, tracing, alerts, and auto-remediation

integrations

- Translate product/user needs into resilient technical architecture in collaboration with designers and product owners
- Lead architectural reviews, PoCs, and performance tuning sessions across layers

Must-Have Skills

- 8+ years of experience across architecture, backend/frontend engineering, and platform design
- Strong expertise in Golang, C++, or other high-performance languages for microservices and backend engines
- Deep understanding of React, Flutter, and hybrid client-side architectures
- Hands-on with REST, WebSockets, GraphQL, Kafka, and real-time streaming APIs
- Cloud-native design experience with Docker, Kubernetes, Terraform, and Azure/AWS
- Practical understanding of CI/CD pipelines, Infrastructure-as-Code (IaC), and observability (Prometheus, Grafana, ELK)
- Solid knowledge of distributed databases (PostgreSQL, Redis, CockroachDB) and OLAP tools (Pinot, Superset)
- Exposure to QA automation strategy, integration with CI pipelines, and real-time test observability
- Strong collaboration experience with UI/UX teams, translating financial workflows into user-friendly systems
- Experience working on regulated, high-availability platforms in fintech, trading, or treasury domains

Nice to Have

- Prior ownership of system-wide architectural transformations
- Exposure to design systems, accessibility, and i18n in complex trading UIs
- Experience implementing rules engines (Drools or similar) for configurable workflows
- Familiarity with mobile-first, offline-first, or device-aware architectures in hybrid apps
- Comfort working with QA and SRE teams to model fault tolerance, retries, and graceful degradation

Why Join OmneNEST

- High-impact work powering India's capital markets infrastructure
- Full product/module ownership in a mission-critical environment
- Opportunities across thick clients, real-time trading apps, and fintech innovation
- Work closely with experienced product, engineering, and design leaders in a strong tech-first culture