E-Commerce Platform Architecture

Click on any section to explore the architecture, flows, and implementation details

System Overview	Microservices
Database Schema	Authentication Flow
Order Flow	Deployment
Codebase Structure	Message Queue

Codebase Structure (Monorepo)

Project Root Structure

```
📁 ecommerce-platform/
├── 📁 apps/
│   ├── 📁 frontend/ (Next.js)
│   ├── 📁 api-gateway/ (NestJS)
│   ├── 📁 auth-service/ (NestJS)
│   ├── 📁 inventory-service/
│   ├── 📁 order-service/
│   ├── 📁 payment-service/
│   └── 📁 notification-service/
├── 📁 packages/
│   ├── 📁 shared-types/ (TypeScript types)
│   ├── 📁 common-utils/ (Shared utilities)
│   └── 📁 config/ (Environment configs)
├── 📁 infrastructure/
│   ├── 📁 docker/
│   ├── 📁 kubernetes/
│   └── 📁 terraform/
├── package.json
├── turbo.json or nx.json
└── tsconfig.base.json
```