

ActionKeeper App Snapshot

WHAT IT IS

ActionKeeper is a mobile-first poker staking contract builder focused on a revenue-first MVP. It standardizes deal terms and issues tamper-evident proof artifacts without holding funds.

WHO IT'S FOR

Poker backers, stakers, and players who need trustworthy staking agreements on their phones.

WHAT IT DOES

- FastAPI agreement API (create, list, retrieve) with service and repository layers plus tests.
- Paid contract generation monetized through Stripe Checkout as the Phase 1 revenue gate.
- Tamper-evident receipts that hash agreements and power QR verification (Part 5 next).
- Agreement vault/list views and stored artifacts for every staking contract.
- Trip Planner budgeting plus affiliate hooks extend the experience into travel logistics.
- Verified resume expansion reuses agreement history beyond poker staking.

HOW IT WORKS

- Frontend: Next.js App Router in 'frontend/src/app'.
Dockerized via 'frontend/Dockerfile', it calls the API through 'NEXT_PUBLIC_API_URL'.
- Backend: FastAPI entrypoint 'backend/app/main.py' wires API, schemas, services, and repositories.
Routes '/api/v1/agreements' and '/api/v1/health' persist via SQLAlchemy models and emit events.
- Persistence: Dockerized Postgres 15 ('db') stores agreements + events; tests run on SQLite.
- Flow: User builds a contract in Next.js; backend validates through services.
Repositories commit to Postgres events, and Part 5 will add hashing + QR receipts.

HOW TO RUN

1. Copy '.env.example' to '.env' and set 'NEXT_PUBLIC_API_URL=http://localhost:8000'.
2. Run 'docker compose up --build db backend frontend' to launch Postgres, FastAPI, and Next.js.
3. Open <http://localhost:3000> for the UI and <http://localhost:8000/api/v1/health> to verify the API.