STUDIO CAPABILITY & PROPOSAL DECK

KAHOL LABS
Software & AI Studio.

Thoughtful software engineering, autonomous AI workflows, and high-performance mobile & web applications. Rooted in the quiet focus of the Himalayas, building for ambitious teams worldwide.

Founder: Abhinadan Kahol **Origin:** Mawa Kaholan, HP · India **Website:** kahollabs.in

Senior Engineering Craft.
Zero Agency Bloat.

Most client software suffers from two extremes: overpriced traditional agencies that bill high margins while offloading execution to junior hires, or unreliable freelancers who vanish mid-sprint.

CRAFTSMANSHIP

Direct Senior Access

You work directly with lead engineers who architect your database schemas, implement native UI, and deploy scalable APIs. No account-manager telephone games.

PREDICTABILITY

Two-Week Sprints

Clear sprint backlogs, continuous staging deployments, and deterministic progress. You see, test, and verify functioning code every fortnight.

INTEGRITY

100% IP Ownership

Every line of code, Docker container, and Figma design asset belongs entirely to you from day one. Clean documentation ensures zero agency lock-in.

Core Engineering
Practice Areas.

We unite product design, distributed system architecture, and cutting-edge machine learning into dependable production software.

Autonomous AI

Multi-step reasoning engines, tool-calling agents, and background automation pipelines that eliminate manual operational bottlenecks.

LangGraph · LLaMA 3 · FastAPI

IDP & Domain RAG

Extract structured records from complex PDFs and invoices with 98%+ accuracy, grounded in internal knowledge bases without hallucinations.

OCR · Docling · Qdrant

Mobile Engineering

Native Android and cross-platform apps built for fluid 60fps animations, local offline storage, and responsive device experiences.

Kotlin 2.2 · Compose · Flutter

Distributed Backends

High-throughput microservices, ACID-compliant database architecture, event streams, and edge-cached serverless APIs.

Node.js · PostgreSQL · Cloudflare

LIVE ON GOOGLE PLAY STORE

MileageMate: Offline-First Vehicle & Fuel Intelligence.

A production native Android app engineered for everyday car and bike owners across India. Calculates fuel expenses, detects real mileage from tank refills, and tracks renewal deadlines without network dependency.

0 ms
OFFLINE LATENCY (ROOM SQLITE)

100%
DECLARATIVE JETPACK COMPOSE

Kotlin 2.2 | Material 3 | Room SQLite

Google Play: com.kahollabs.mileagemate

Architectural Highlights

- **Single-Activity Compose Architecture:** Clean navigation graph with zero fragment overhead.
- **ACID Transactional Refills:** Calculates exact tank-to-tank fuel efficiency with mathematical precision.
- **Privacy-Preserving Local Storage:** All vehicle records remain encrypted on device with zero tracking.

CONVERSATIONAL INTELLIGENCE

Kahol Saathi: Grounded Checkout Sales Recovery.

Transforming abandoned e-commerce carts into completed orders. Resolves sizing, delivery, and payment hesitations using context-aware, grounded conversational intelligence without hallucinations.

40–50%
SIMULATED CART RECOVERY RATE

0
HALLUCINATED DISCOUNTS OR RULES

Deterministic Guardrails | Multi-Tenant Merchant Portal | Simulated Checkout

Key Innovation

Traditional chatbots invent coupons and confuse customer measurements. Kahol Saathi implements hard boundary guardrails: size verification, inventory checks, and consent tracking run through verified code, not probabilistic guesses.

Live concept portal & merchant admin active at kahollabs.in/ourwork/kahol-saathi

Enterprise AI Privacy & Engineering Rigor.

Deploying modern AI into enterprise workflows requires strict compliance, data privacy, and deterministic reliability.

DATA SOVEREIGNTY

Zero-Retention Guardrails

We configure enterprise commercial agreements and open-source models ensuring your proprietary corporate data is never cached or used for public training.

COMPLIANCE

Automated PII Sanitization

Regex and NER pipelines automatically scrub Aadhaar/PAN cards, SSNs, credit card tokens, and phone numbers before payloads reach any model endpoint.

QUALITY ASSURANCE

Automated Test Harness

Every engagement includes automated unit, integration, and regression suites. Code is deployed via CI/CD pipelines with zero downtime.

Flexible, Transparent Engagement Models.

Select the structure that fits your runway, timeline, and organizational stage. Every model includes transparent pricing and milestone governance.

RAPID VALIDATION

Fixed-Scope Sprint

Ideal for early-stage MVPs, AI proof-of-concepts, and standalone modules with well-defined requirements.

- Fixed timeline: 2–6 Weeks
- Guaranteed delivery scope
- 30-day post-launch warranty

MOST POPULAR

Dedicated Studio Squad

Bi-weekly sprint cadence for growing products requiring continuous feature delivery, UX refinement, and scaling.

- Bi-weekly sprint retrospectives
- Flexible priority backlog
- Direct engineer Slack / WhatsApp access

STRATEGIC REVIEW

Architecture Advisory

Deep-dive technical audits, AI feasibility assessments, database optimizations, and codebase reviews for CTOs.

- Comprehensive audit report
- Identified security & scale bottlenecks
- Step-by-step remediation roadmap

LET'S BUILD SOMETHING USEFUL

Ready to Engineer Your Next Product?

Reach out with your product sketch, technical challenge, or RFP. We'll schedule a complimentary 30-minute architectural consultation to map your practical path forward.

DIRECT EMAIL

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Replies within 24 hours

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Instant engineering chat

STUDIO BASE

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