

Real-time Fleet Tracker

Type: Client

Start Date: 2025-09-18 | End Date: 2026-02-10

Problem Statement: Build a low-latency platform to ingest GPS/telemetry from distributed vehicles and provide live location, ETA, route deviation alerts, and utilization analytics. Current operations suffer from delayed updates (>5 min) and manual reconciliation across depots.

Milestones:

- Kickoff: 2025-09-18
- Mid-review: 2025-11-29
- Final Delivery: 2026-02-10

Target Staffing Mix: Node.js, WebSockets, PostgreSQL

Retail Demand Forecasting

Type: Internal

Start Date: 2025-09-26 | End Date: 2026-03-05

Problem Statement: Develop SKU-level weekly demand forecasts across stores and channels to reduce stockouts and overstock. The current heuristic-based planning yields $\pm 30\%$ error in promotions and seasonal spikes.

Milestones:

- Kickoff: 2025-09-26
- Mid-review: 2025-12-15
- Final Delivery: 2026-03-05

Target Staffing Mix: Python, Time Series, SQL

Edge AI Camera Pipeline

Type: Client

Start Date: 2025-09-30 | End Date: 2026-04-15

Problem Statement: Deploy an on-device inference + streaming pipeline for object/person detection with bandwidth-aware batching and fallback to cloud. Existing NVR-only setup misses real-time events and is costly to scale.

Milestones:

- Kickoff: 2025-09-30
- Mid-review: 2026-01-06
- Final Delivery: 2026-04-15

Target Staffing Mix: C++, OpenVINO, Python

Serverless Invoicing Platform

Type: Internal

Start Date: 2025-09-19 | End Date: 2026-01-31

Problem Statement: Automate invoice generation, validation, and delivery with pay-link support and event-driven workflows. Legacy scripts are brittle and delay invoicing by 3–5 days monthly.

Milestones:

- Kickoff: 2025-09-19
- Mid-review: 2025-11-25

- Final Delivery: 2026-01-31

Target Staffing Mix: AWS Lambda, DynamoDB, API Gateway

Healthcare Imaging QA

Type: Client

Start Date: 2025-09-24 | End Date: 2026-05-20

Problem Statement: Implement automated QA checks on DICOM/PNG inputs to flag motion blur, artifacts, and incorrect protocols before radiologist read, reducing retakes and wait times.

Milestones:

- Kickoff: 2025-09-24

- Mid-review: 2026-01-21

- Final Delivery: 2026-05-20

Target Staffing Mix: Python, PyTorch, MLOps

Cross-platform Banking App

Type: Client

Start Date: 2025-10-02 | End Date: 2026-03-30

Problem Statement: Ship a secure, accessible mobile app (iOS/Android) for onboarding, payments, and support; unify current disparate experiences and reduce time-to-release for features.

Milestones:

- Kickoff: 2025-10-02

- Mid-review: 2025-12-30

- Final Delivery: 2026-03-30

Target Staffing Mix: Flutter, BLoC, Firebase

Observability Stack Upgrade

Type: Internal

Start Date: 2025-09-21 | End Date: 2025-12-20

Problem Statement: Standardize metrics, logs, and traces on a single stack to improve SLO tracking and cut MTTR. Current dashboards are fragmented and lack cardinality control.

Milestones:

- Kickoff: 2025-09-21

- Mid-review: 2025-11-05

- Final Delivery: 2025-12-20

Target Staffing Mix: Prometheus, Grafana, Kubernetes

Geo-fenced Offers Engine

Type: Client

Start Date: 2025-09-28 | End Date: 2026-02-28

Problem Statement: Serve personalized offers triggered by location events with radius/dwell-time rules and real-time dedupe. Campaigns currently rely on daily batches and miss on-the-go intent.

Milestones:

- Kickoff: 2025-09-28

- Mid-review: 2025-12-13
 - Final Delivery: 2026-02-28
- Target Staffing Mix:** Go, Redis, Kafka

Document Intelligence Suite

Type: Internal

Start Date: 2025-09-23 | End Date: 2026-06-10

Problem Statement: Extract entities and table fields from semi-structured documents (invoices, KYC) with human-in-the-loop corrections and audit trails to replace manual data entry.

Milestones:

- Kickoff: 2025-09-23
- Mid-review: 2026-01-31
- Final Delivery: 2026-06-10

Target Staffing Mix: Python, NLP, OCR

GreenOps Cost Optimizer

Type: Client

Start Date: 2025-09-27 | End Date: 2026-01-25

Problem Statement: Analyze multi-cloud usage to recommend right-sizing, scheduling, and carbon-aware workload shifts; provide actionable budgets and policy guardrails.

Milestones:

- Kickoff: 2025-09-27
- Mid-review: 2025-11-26
- Final Delivery: 2026-01-25

Target Staffing Mix: FinOps, GCP, BigQuery