

# Edge AI Systems Dossier

Grant packet - portfolio demo document.

A placeholder dossier for edge-oriented AI system work.

Demo-safe

Grant packet

PDF viewer ready

## OPPORTUNITY

### Opportunity

Edge deployments change latency, privacy, and reliability constraints. A good dossier should explain why edge inference matters and where the operational limits sit.

## WORK PACKAGES

### Work packages

Example structure for a future grant-ready packet.

- Model compression and inference benchmarking.
- On-device observability and rollback patterns.
- User experience design for intermittent connectivity.
- Evaluation plans that compare cloud-first and edge-first paths.

## ILLUSTRATIVE MILESTONES

### Illustrative milestones

Quarter	Milestone	Output
Q1	Baseline measurements	Latency + quality benchmark
Q2	Edge prototype	On-device inference demo
Q3	Field instrumentation	Observability packet
Q4	Transfer report	Deployment recommendations

**PACKAGING NOTE****Packaging note**

This placeholder PDF intentionally reads like a structured grant packet so the publication viewer and resume download flows remain testable end-to-end.