AI-Powered Loan Eligilbility Advisor

Applicant

Lender

Voic agent

Report Service

Web Agent

Voice Agent

Auth Service

Load Balancer / API Gatewy

AI Agent

AI Agent

Calibrator (Isotonic/CV)

FastAPI Backend (Uvicom/Gunicorn)

S3: Model Artifacts: PDFs, Static

Preprocessing Service (sklearn Pipeline)

Inference Service

AI Agent

Callibrator SHAP Explainer Service

Isolation Forest Service