

HAIDER ABBAS

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SYSTEMS BUILT & DEPLOYED

DOHOS — Voice AI ordering platform

Aug 2025 – Present

Production voice agent taking live restaurant phone orders — built from four years running a 20-person shop.

- Built the full telephony path on **Telnyx call control** — call lifecycle, webhook signature verification, idempotent duplicate-event handling, and teardown on success, failure, timeout, and provider error — over a Pipecat media pipeline with AssemblyAI ASR, Inworld TTS, and Vertex Gemini behind bounded fallbacks.
- Architected so the model proposes **typed edits** while deterministic code owns catalog identity, pricing, and confirmation: unsupported configuration fails closed rather than being guessed, and card data is never collected, logged, or transmitted.

FORMIQ — Co-Founder & Tech Lead

Oct 2024 – May 2026

AI intake and workflow automation for hospital fax, prior-authorization routing, and clinical review.

- Ran a **two-month live pilot** in Yale Health's orthopedics department: **2,000 documents fully automated and 300 administrative hours recovered** — roughly nine minutes of staff time per document.
- Reached **final-stage enterprise procurement** at an academic medical center as a two-person team, clearing security and clinical workflow review; the engagement ended on vendor-maturity requirements, not product fit.
- Extrapolated the measured rate into a modeled **\$15M+ annual cost-reduction case** across document routing, clinician and administrative review time, displaced headcount, and per-envelope e-signature fees.
- Designed low-confidence extractions to route to human review rather than auto-fill — in clinical settings a confident wrong value is more dangerous than no value. Full stack: Rust services, Python AI pipeline, React/TypeScript, PostgreSQL row-level security, Docker/Helm, observability.

PROFESSIONAL EXPERIENCE

APPLIED AI CONTRACTOR — Independent

2026 – Present

- Domain-expert contract work for frontier AI labs across finance, healthcare, and software engineering.

SILICON VALLEY BANK — Associate, Global Fund Banking

Jan 2022 – Apr 2024

San Francisco, CA · Associate, ADP Rotational Program (Jan – Aug 2022)

- Managed a **~\$2B portfolio** of PE/VC fund banking clients — capital call lines, management company loans, NAV facilities, portfolio company loans — owning underwriting, credit approval, covenant compliance, and default workouts.
- Partnered with the business enterprise team to automate covenant-compliance tracking, removing **~80 team-hours per week** of manual portfolio monitoring.
- Originated **\$25M+ in new business** and **\$14M in recurring revenue** across the startup, VC, and life-sciences ecosystem.
- Held founder and VC relationships through **SVB's 2023 collapse and the First Citizens acquisition**, securing \$60K in event sponsorships to keep the bank present with startups through the transition.

PIZZA BOLI'S — Manager, later Advisor

Jul 2018 – Jan 2022

- Ran daily operations for a 20+ person team — scheduling, inventory, legal and administrative — while completing a full-time BS; as advisor, led the outsourcing of order-taking offshore.

EDUCATION

YALE SCHOOL OF MANAGEMENT — MBA program, completed 3 of 4 semesters

2024 – 2026

Judith Bernstein (SOM '80) Memorial Award · Consulting Club, Impact Investing Club

UNIVERSITY OF MARYLAND, COLLEGE PARK — MS Finance, 2021 · BS Information Science, 2020

Cum Laude (top 10%), Dean's List, Smith Plus 1 Scholar · GRE 331/340 (Q167 / V164), 98th percentile · Freddie Mac experiential program: loan-default prediction model, R^2 0.92, incorporating COVID and zero-interest-rate effects

TECHNICAL

Languages & frameworks: Python, Rust, TypeScript/React, SQL, R

Infrastructure: PostgreSQL, Supabase, Docker, Helm, Railway, observability tooling

AI & voice: RAG, structured extraction, voice agent pipelines, Telnyx, Pipecat, AssemblyAI, Vertex/Gemini, Groq, Inworld

Domain: healthcare workflow and HIPAA-aligned design, PCI boundaries, enterprise procurement, credit underwriting, business-case modeling