

Sarosh Hussain

AI Product & Engineering Executive · Hands-on Architect

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SUMMARY

AI product and engineering executive with 20+ years building and modernizing software, cloud, data, and distributed platforms. Leads 30 engineers while remaining hands-on in Python and TypeScript. Turns fragmented, high-stakes workflows into source-grounded systems with durable state, deterministic authority boundaries, evaluation evidence, and explicit human release points.

EXPERIENCE

CTO & Partner

February 2022 - Present

Pendoah · Houston, TX

- Lead 30 engineers within a 110-person firm while remaining close to Python/FastAPI, TypeScript/React, model and tool integration, APIs, security, telemetry, and production failure modes.
- Translate complex operating workflows into bounded pilots, target architectures, integration contracts, delivery teams, and explicit production-transition gates.
- Turn recurring product and reliability problems into reusable platform primitives: retrieval, model access, workflow state, identity, evaluation, observability, evidence, and release controls.

Chief Information Officer

June 2017 - February 2022

Perry Homes · Houston, TX

- Led cloud and AI modernization that underwrote growth from \$800M to \$1.71B.
- Reduced IT operating expense about 20% and retired about 70% of legacy applications.
- AI-enabled customer platforms contributed about \$50M in commercial uplift and 20% higher customer lifetime value.

Director, AI / Cloud / Digital Consulting

2010 - June 2017

Accenture, PwC & Omnicom/Credera · United States

- Translated executive and customer priorities into AI and platform strategies, target architectures, operating models, governance, and measurable roadmaps.
- Led multidisciplinary teams from discovery and prototypes through production transition across healthcare, pharma, consumer, finance, energy, and other complex environments.
- Delivered regulated and high-scale programs while keeping client names and client-specific outcome claims confidential unless explicitly cleared.

EDUCATION

- **M.S., Business Finance & Strategy** — Texas A&M University-Victoria 2022
- **B.S., Computer Science** — Texas A&M University-Victoria 2007

SPEAKING

- Workshop on Generative AI for Shared Services & GBS — SSONetwork (2024)
- Strategic Cloud Migration & IT Modernization — NCS CIO-to-CIO Event (2020)
- AI for Business Transformation — Gartner Houston CIO Summit (2021)

OPEN SOURCE

- **CrewScore** — Offline, deterministic linter for agent system prompts: 23 published controls, cited findings, no API key, and no model call. <https://github.com/shmindmaster/crewscore>
- **GitPin** — Twelve-tool read-only MCP and pull-request gate that binds delivery claims to exact committed paths, lines, full SHAs, and content hashes. <https://github.com/shmindmaster/gitpin>