

HUMZA SAMI CHUGHTAI

Bridging Business Depth & Technical Execution

Address: Abu Dhabi, UAE

I sit at an intersection most organisations can't find in one person. Business fluency. Technical hands. Both in one. That's why I move 5x faster

120M+ USD Savings

5x Faster Delivery

40+ Different Companies

PROFESSIONAL PROFILE

CONTACT

[Linkedin Profile](#)

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[YouTube Channel](#)

SKILLS



Excel



PowerPoint



Power BI



JS, VB, Python



IoT Automation



Oracle



MS Power Platform



n8n



Open AI



Cursor IDE



LangChain



Postgres/SQL



Qdrant



Docker



AWS



CloudFlare



NextJS



Claude



Azure



XCode



GitHub

EDUCATION BACKGROUND

FCA Institute of Chartered Accountants in England and Wales 2014

CURRENT EXPERIENCE

Solutions + (A Mubadala Company) Mar 2024 – Current

A Mubadala company, backed by a \$385+ billion sovereign wealth fund of the Government of Abu Dhabi

Manager AI & Automation

- **Founded and scaled Weave AI** (<https://weave.ae>) from concept to enterprise platform with 50+ live production use cases - supplier proposal evaluation, contract generation, intelligent data retrieval and automated AI dashboards – unlocking multi million AED in revenue and USD 3.5M (~60,000 hours) in annual efficiency gains
- **Lifted RAG retrieval accuracy by 70%** over standard ingestion baselines – engineered the custom ingestion layer behind Weave AI using adaptive chunking (semantic, recursive, structure-aware), advanced pre & post processing techniques, making AI outputs trustworthy on messy enterprise data.
- **Drove Lifted AI Adoption 30-40%** through hackathon, gamified rollouts, tailored training – underpinned by an AI readiness assessment that surfaced internal champions and armed them with right tools to drive adoption within
- **Slashed forecasting cycle times from 4-6 weeks to 2-3 days** by architecting an AI driven forecasting and variance analysis platform with multi-agent validation and CFO facing chatbot for real-time insights
- Designed and deployed the full infrastructure for **Weave AI** across AWS and Azure, including Dockerized services (n8n, Qdrant, PostgreSQL, WebSockets), and scalable **cloud architecture** for high-performance AI workloads
- Contributed to enterprise **AI strategy** by evaluating partnerships and defining an organization wide **AI roadmap** with an **intelligent pipeline** prioritizing use cases based on **impact vs complexity**
- Led onsite/offshore development teams to scale **Weave AI use cases**, implementing a data-driven prioritization funnel to maximize impact, with structured tracking of savings and regular reporting to senior management
- **Won investment from the board for Weave AI** by pitching the business case, defending the ROI/NPV model and secure multi year funding. Now lead monthly/weekly executive reporting to board on delivery, adoption and value realization

HUMZA SAMI CHUGHTAI

PROFESSIONAL PROFILE

AWARDS

2024 & 2025
"Creative" Award S+
Company wide



2019
Innovation Award S+
Company Wide



2018
Innovation & Best
Employee Team Wide



2017
Innovation & Best
Employee Team Wide



LANGUAGES

ENGLISH

URDU

EXPERTISE

Generative AI & LLM



Dashboards &
Reporting



Intelligent
Automation



Low/No Code Dev.



Business Planning &
Strategy



Digital
Transformation



UI/UX Design



Individual Projects

2025-Current

- **NuraSafe** (<https://nurasafe.io>) — Published on the iOS App Store. Engineered a custom **on-device RAG pipeline achieving 70% retrieval accuracy on a 3B-parameter LLM with zero internet dependency** — solving a problem most enterprise AI teams haven't cracked. Free and open-source.
- **There's a Prompt for That** (theresapromptforthat.io) — SaaS platform combining a curated **800+ business prompt library** with an advanced prompt generator, building a growing community of AI adopters.
- **PureFils** (<https://purefils.ae>) — AI-driven personal finance platform with forecasting, cash-flow insights, scenario analysis, and WhatsApp-based conversational alerts.
- **myOrbix** (<https://myorbix.io>) — NFC-enabled smart safety device giving first responders and guardians instant access to a child's emergency information via smartphone tap.

PAST EXPERIENCE

Abu Dhabi Department of Education & Knowledge Manager Research & Reporting

2021-2024

- **Reinvented school inspection reporting across 200+ Abu Dhabi schools** by building an automated inspection result translating into on-demand **AI based** school performance report saving **~12,000 hours (AED 1.8M)** annually and giving regulators a single source of truth
- **Surfaced data-driven insights on student performance, attendance, surveys and financials** at sector scale flagged anomalies, tracked improvement trajectories, and directly informed policy decisions impacting tens of thousands of students.

Solutions + (A Mubadala Company)

2015 – 2021

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Sr. Specialist – Finance

- Gather data and prepare management reports for **15+ clients** including comprehensive review of **operational performance**. budget, forecast backed by trend analysis
- **Designed interactive dashboards and KPI reporting** suites that replaced static monthly decks with live, drillable views of operational, financial, and trend data — shifting clients from reading reports to acting on them in real time
- Automated various processes using **built-in VB** by developing **RPA tools**, BOT's, **Web scraping** and applications that saved around **6,000+ hours** in savings annually.
- Delivered training sessions to 300+ employees on Excel, Powerpoint, Automation with VB, Design & Animation, with an impressive

Deloitte, Dubai

2011-2015

Sr. Accountant (Business Process Solutions)

- **Delivered IFRS-compliant** consolidated reporting with full audit support for a diverse client portfolio
- **Restructured the accounts payable function for Nokia Siemens Networks MENA (a USD 4.4B telecom entity)** built a KPI-driven vendor payment prioritization model that improved working capital efficiency and tightened financial control.
- **Managed end-to-end accounting and finance services for 15+ clients** across multiple industries