

Rida Naz

FullStack Developer · Agentic AI Engineer

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PROFESSIONAL SUMMARY

FullStack Developer and Agentic AI Engineer with 1.5+ years building production AI systems — from founding-team engineer at TalkifAI to shipping production agentic workflows daily with Claude Code, Cursor, and MCP. I write the code, own the architecture, and ship.

PROFESSIONAL EXPERIENCE

COO & Lead Engineer · TalkifAI · talkifai.dev July 2025 – April 2026 | Remote

Joined as a founding team member to build TalkifAI from scratch — a no-code/developer voice agent platform (comparable to Vapi, RetellAI) enabling anyone to create, deploy, and scale AI voice agents in minutes.

- ▶ Architected self-hosted LiveKit + SIP infrastructure on Google Cloud, enabling sub-second call latency at \$0.05/min (\$0.035/min at enterprise volume)
- ▶ Built BYOC (Bring Your Own Carrier) abstraction layer supporting Twilio and raw SIP providers — enterprises plug in existing numbers with zero rip-and-replace
- ▶ Shipped Batch Calling feature — agents simultaneously dial 100+ numbers from CSV upload with real-time cost tracking and per-call analytics
- ▶ Implemented one-click RAG Knowledge Base: user uploads a document; system handles chunking, embedding, and graph DB indexing automatically
- ▶ Delivered post-call intelligence pipeline — every call generates transcription, recording, and fully customisable AI analysis with structured output via REST API
- ▶ Shipped Voice Selection UI (multi-provider STT/TTS), BYOK (Bring Your Own LLM Key), multi-tenant Organisation management, and API key system for developer integrations

Full Stack Developer · XponentialAI · xponentialai.dev May 2025 – January 2026 | Remote

Built a full-stack Amazon listing automation platform for JungleMug — an end-to-end pipeline from image upload to live Amazon listing.

- ▶ Developed image processing workflow: PNG upload → automated Photoshop scripting → 7-8 professionally aligned product mockups across multiple themes
- ▶ Integrated AI content generation to produce titles, descriptions, and keywords dynamically localised for 5 European Amazon markets
- ▶ Built Amazon SP-API integration for direct one-click listing submission with real-time status tracking (Listed · Pending · Rejected) per listing
- ▶ Delivered as a collaborative 2-person fullstack project using Next.js and TypeScript

EDUCATION & CERTIFICATIONS

Certified Agentic AI Engineer · PIAIC · GIAIC 2023 – Present | Karachi

Governor Sindh Initiative for IT — Intensive Agentic AI curriculum

- ▶ Curriculum: LLMs, RAG pipelines, multi-agent systems, cloud deployment
- ▶ Role: Student Leader & Class Representative
- ▶ Digital Credentials: panaversity.org/p/rnaz3414-f6nt

Associate Degree in Commerce (ADC) · University of Karachi 2021 – 2023 | Karachi

HACKATHON PROJECTS — GIAIC / PIAIC

TalkifAI Customer Success FTE — GIAIC Hackathon 5 — CRM Digital FTE Factory

Production-grade 24/7 AI customer support agent handling Web form tickets, Gmail (Google Pub/Sub), and WhatsApp (Twilio) simultaneously with channel-optimised responses.

- ▶ Strict 6-step agentic pipeline: Sentiment Analysis → Ticket Creation → Customer History → Semantic KB Search → Smart Escalation Routing → Channel-Formatted Response
- ▶ Event-driven architecture with Apache Kafka for async multi-channel message streaming; Kubernetes manifests for production deployment
- ▶ GitHub: github.com/RidanaNaz/TalkifAI-FTE
- ▶ Demo: https://www.linkedin.com/posts/ridanaz67_aiagents-openai-kafka-activity-7446534336247422976-2ud

OpenAI Agents SDK · FastAPI · PostgreSQL · Apache Kafka · Next.js 16 · Docker · Kubernetes

Digital FTE — Personal AI Employee on Azure — GIAIC Hackathon 0

Fully autonomous 24/7 Digital FTE deployed on Azure VM — Claude Code as the reasoning brain, Python watcher scripts monitoring Gmail, WhatsApp & social inboxes, MCP servers executing real actions.

- ▶ Single orchestrator triggers simultaneous posts across LinkedIn, Facebook, Twitter, and Instagram — reducing cost per task from ~\$5.00 (human) to ~\$0.25 (AI), with 8,760 hrs/year availability
- ▶ Human-in-the-Loop safety: every sensitive action written to Pending_Approval/ folder and held until manually approved
- ▶ GitHub: github.com/RidanaNaz/Personal-AI-Employee
- ▶ Demo: https://www.linkedin.com/posts/ridanaz67_ai-agentengineering-claudecode-activity-7431373061175787520-jqzN
https://www.linkedin.com/posts/ridanaz67_claudecode-agentengineering-digitalfte-activity-7433529340614713344-DDFN

Claude Code · Python · Playwright · Node.js MCP Servers · Obsidian · Azure VM · PM2

AI-Powered Todo App with MCP — GIAIC Hackathon 2

- ▶ 3-phase spec-driven build: CLI task manager (Python) → multi-user fullstack web app with JWT auth → stateless AI chat interface using MCP tools for natural language task management
- ▶ GitHub: github.com/RidanaNaz/Agentic-Todo
- ▶ Live Demo: agentic-todo.ridanaz.com
- ▶ Demo: https://www.linkedin.com/posts/ridanaz67_specdrivendevelopment-aiengineering-fastapi-activity-7421564658618265600-y7YO

FastAPI · SQLModel · Neon PostgreSQL · Next.js · OpenAI Agents SDK · MCP · Claude Code

AI-Native Book — Physical AI & Humanoid Robotics — GIAIC Hackathon 1

- ▶ Comprehensive technical textbook on Physical AI & Humanoid Robotics (ROS 2, Gazebo, NVIDIA Isaac, VLA models) with an integrated RAG chatbot for conversational querying of book content
- ▶ Built with Docusaurus, Claude Code, and Speckit using spec-driven AI-assisted development
- ▶ GitHub: github.com/RidanaNaz/Physical-AI-Humanoid-Robotics-TextBook
- ▶ Live Demo: ainative-book.ridanaz.com

Docusaurus · Claude Code · Speckit · RAG · ROS 2

TECHNICAL SKILLS

Frontend

JavaScript	TypeScript	React.js	Next.js	Tailwind CSS	Framer Motion
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Backend & AI

Python	FastAPI	LangChain	LangGraph	OpenAI SDK	Livekit
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Databases & DevOps

PostgreSQL	MongoDB	FalkorDB	Docker	Git / GitHub	Google Cloud
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Integrations

MCP Servers	Twilio	SIP / WebRTC	Prisma ORM	REST APIs
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