MUHAMMAD FARAZ KHAN

AI IMPLEMENTATION & OPERATIONS SPECIALIST

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PROFESSIONAL SUMMARY

Founder-minded AI Implementation & Operations Specialist with 20 months of hands-on experience building and managing an AI-powered SaaS product. Experienced in AI implementation, workflow automation, RAG systems, voice agents, cost-efficient AI architecture, and technical operations. Skilled at translating business requirements into practical solutions, coordinating development, optimizing systems, and executing products in early-stage startup environments.

PROFESSIONAL EXPERIENCE

Founder & Product Lead — Alpharexx

March 2025 – Present

- Replaced LLM-dependent strategy code generation with a custom deterministic DSL engine, reducing LLM hallucination risks and achieving an estimated 97% reduction in strategy-testing costs.
- Re-engineered the strategy-parsing LLM pipeline, reducing API calls per run from 6 to 2 and token consumption from 370K to 30K (~92%) through prompt optimization, context reduction, and fewer retry/self-correction cycles.
- Optimized the strategy report pipeline, reducing generation time from 3–4 minutes to 1–1.5 minutes (~60% faster).
- Reduced server memory usage by 40% through infrastructure and resource optimization.
- Developed a natural-language strategy parser with 93.5% rule-matching accuracy, tested across 1,000+ strategies.
- Ran a private beta with 25 testers; platform backtested 1,000+ trading strategies, filtering ~89% as non-viable.
- Enabled non-technical users to convert plain-language trading strategies into backtestable bots without writing code.
- Built a RAG assistant using keyword and vector search together, answering 95% of questions correctly across edge cases, typos, Roman Urdu, and out-of-scope queries.
- Built a voice agent using Google Gemini Multimodal for natural-language platform interaction with ~2s average latency across 50+ test calls.

SELECTED PROJECTS

AI Trading Strategy Interpretation & Backtesting Engine: Converted natural-language trading strategies into structured, testable logic; developed a custom DSL for strategy execution, large-scale testing, rule matching, and filtering.

GetIntakes — Website Design & Management: Designed, built, and managed an automated patient intake and screening platform (getintakes.com).

TEAM & LEADERSHIP

Led a team of up to 6 concurrent contributors, including employees, interns, and freelancers; handled hiring, task allocation, progress tracking, delivery coordination, and AI-assisted development training.

CORE CAPABILITIES

• AI Workflow Automation	• RAG Systems Architecture	• Voice Agents Deployment	• LLM Cost & Token Ops
• API & Tool Integrations	• AI-Assisted Python / JS	• Docker & Linux Deploy	• Technical Project Coord

AI & DEVELOPMENT TOOLS

Tools: Claude, OpenAI Codex, ChatGPT, Google Gemini, Google Antigravity.
Technical Approach: Hands-on with AI-assisted code implementation, modification, debugging, and integration. Core strength in AI-enabled product execution, workflow design, and technical coordination.
Secondary Digital Skills: Meta / TikTok advertising, graphic design, and video editing.

Languages: Urdu (Native), English (Intermediate — Strong Written Communication)

Work Preference: Open to full-time remote opportunities worldwide.