MUHAMMAD HARIS AWAN

Full-Stack AI Engineer

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Full-Stack AI Engineer building award-winning agentic AI systems, specializing in multi-agent orchestration, RAG pipelines, autonomous code generation, intelligent decision systems, and real-time streaming architectures.

EXPERIENCE

Full-Stack AI Engineer | *WEBXES LLC* 2026 – Present

- Engineer Agentic AI workflows, LLM-powered features, and full-stack client products using Next.js, FastAPI, React, and modern AI tooling.
- Designed and built webxes.com, achieving Lighthouse scores of 98 Performance, 95 Accessibility, 100 Best Practices, and 100 SEO.

Full-Stack Web Developer | *WEBXES Tech* 2024 – 2026

- Built responsive websites and e-commerce platforms across React, Next.js, Tailwind CSS, and WordPress, integrating APIs and delivering SEO-focused digital products.

KEY PROJECTS

Morph OS | *Multi-agent generative workspace — Google AI Seekho 2026* ***(Silver Tier Winner)***

- Architected a 6-agent pipeline (Brain planner + Builder, Editor, Critic-Fixer, Chat, Search) that routes natural language into live React apps in under 2 seconds via a 34-template cache layer.
- Built a self-correcting Critic-Fixer loop, thread-safe SSE streaming, JWT/OAuth authentication, and pgvector semantic search on Neon; deployed as an installable PWA across Vercel and Hugging Face Spaces.

Mashwara AI | *Track Winner, Urdu & Regional Language Tech — Alibaba Cloud AI Hackathon Pakistan 2026*

- Built a multi-agent decision-making platform where a council of AI advisors analyzes and challenges decisions before delivering one actionable recommendation.
- Designed a 6-agent Google ADK system with parallel specialist agents, moderated into structured executive reports across 5 configurable board templates; integrated MCP web search, file attachments, STT and TTS.
- Won the **Urdu & Regional Language Tech Track** at Alibaba Cloud AI Hackathon Pakistan 2026, earning **$2,000 + 1,000 Alibaba Cloud credits**, with recognition and interviews across Bano Qabil, Alkhidmat Foundation and local media.

EDUCATION

Agentic AI Engineer | *Governor Initiative of Artificial Intelligence Course (GIAIC)* Ongoing

Intermediate in Humanities | *Board of Intermediate Education, Karachi (BIEK)* 2026

SKILLS

- **Frontend:** React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3
- **Backend:** Node.js, Python, FastAPI, SQLModel
- **AI & Agentic Systems:** Google ADK, Gemini, OpenAI Agents SDK, OpenAI AgentKit, Codex, Antigravity, Claude Code, RAG, MCP, n8n, multi-agent orchestration
- **Databases:** PostgreSQL (Neon + pgvector), Firebase, Sanity
- **Tools & Deployment:** Git, GitHub, Vercel, Hugging Face Spaces, Docker, Figma, Canva, VS Code
- **Methodologies:** Spec-Driven Development, Prompt Engineering, AI System Orchestration, Automated Code Auditing

Languages: English (Fluent) | Urdu (Native) | Punjabi (Native) | Turkish (Elementary)