

Mohammad Abir Abbas

AI Architect · Solutions Engineer · Platform Engineer — Dubai, UAE (open to KSA & remote)

abir.abbas@proton.me linkedin.com/in/abir-abbas abir.getwaved.ai github.com/mdabir1203

Dubai, UAE · Available Q3 2026 · UAE Company Visa (no sponsorship)

SUMMARY

AI Architect, Solutions Engineer, and Platform Engineer based in Dubai, UAE. I deploy AI agent workflows (LangChain, AutoGPT, RAG), process automation, and cross-cultural product engineering for GCC enterprise and global remote teams — covering the UAE (Dubai, Abu Dhabi), Saudi Arabia (Riyadh, NEOM), and worldwide remote engagements. Co-founder of Deep Blue Digital; Chief Technical Advisor at Wavelink; currently AI Solution Architect at Famous Abaya LLC. MIT Hacknation 2026 Next Best (SmartSwap). Redis Side Quest Winner 2024 (RedAGPT). 325K+ global readers on Medium.

EXPERIENCE

Chief Technical Advisor

Jan 2025 — Present

Wavelink — Smart NFC Networking

- Engineered smart NFC infrastructure replacing paper business cards; drove GDPR-compliant data policies for 100% day-one compliance.
- Designed GTM strategy and partnership funnels aligned to 2025–26 roadmap.

Co-Founder

Sep 2024 — Aug 2025

Deep Blue Digital — AI Commerce Automation

- Integrated Engaze.ai payment automation for 50+ sellers, reducing processing time by 40%.
- Built automated marketing pipelines (Midjourney + Zapier) cutting Customer Acquisition Cost by 30%.
- Instrumented full-funnel analytics to attribute performance to specific creative variants.

IT Support Engineer

Oct 2023 — Jan 2024

HNM IT Solutions — Frankfurt, Germany

- Hardened distributed networks, maintaining 99.9% uptime for enterprise environments.
- Built automated diagnostic playbooks, reducing Mean Time to Resolution by 35%.

KEY PROJECTS

AbayaTrack — GCC Manufacturing Visibility

- End-to-end production visibility system at Famous Ladies Gowns Tailoring LLC: mobile time-tracking per unit, real-time bottleneck detection.
- Results: +38% production output, -30% cycle time, 65% → 92% on-time delivery, zero additional hires.

SmartSwap — AI Personalisation Layer (MIT Hacknation 2026 — Next Best)

- Drop-in client-side intent engine scoring visitors against 7 behavioural personas in <50 ms — no backend required.
- Dynamically swaps hero images, headlines, and CTAs; includes rage-click and exit-intent detection.

RedAGPT (Winner: Redis Side Quest 2024)

- Open-source AutoGPT + Langchain toolkit for AI-driven network vulnerability scanning with severity-ranked remediation reports.

EDUCATION & CERTIFICATIONS

- MSc Computational Methods of Engineering** — Leibniz University Hannover, Germany (2019)
- BSc Mechanical Engineering** — Chittagong University of Engineering & Technology, Bangladesh (2013–2018)
- 42 Wolfsburg** — Peer-programming, C/C++ systems (2022–2024)
- phaeno gGmbH** — Robotics Mentor (2022)
- Languages:** English IELTS 7.5 · Bengali (Native) · German A2

TECHNICAL SKILLS

AI / ML	AI Agent Workflows · LangChain · AutoGPT · GPT-4/4o · RAG · Prompt Engineering · Multi-agent Systems · MLOps · Edge AI
Engineering	React · React Native · TypeScript · Node.js · Express · Cloudflare Workers · D1 · KV · R2 · Socket.IO · Rust · C/C++ · PostgreSQL · Redis · SQLite
Strategy	Solutions Engineering · Platform Engineering · Developer Experience · GTM Design · Pipeline Optimisation · Process Automation · Cross-cultural GTM (13 countries) · Multilingual Product Engineering
Security & Compliance	Network Vulnerability Scanning · Penetration Testing · MTTR Reduction · GDPR · PDPL · Data Localisation
Languages	English (IELTS 7.5) · Bengali (Native) · Arabic (working) · German (A2)