Muhammad Saqlain

AI Engineer | AI Agents, Automation & Digital Marketing

Islamabad, Pakistan • learnskill.dev@gmail.com • WhatsApp +92 328 5888805
Portfolio: star-78656.web.app • LinkedIn: linkedin.com/in/muhammadsaqlain-ai • Fiverr: fiverr.com/msaqlain7555 • Upwork: upwork.com/freelancers/~01c480ddc6e714687e

PROFILE

AI Engineer and Software Engineering graduate (SZABIST, 2024) who builds **AI agents and automations** that take repetitive work off teams: content, reports, research and customer questions. I design multi-step LLM pipelines in Python and FastAPI, connect them to real business tools, and always keep a human approval step. With hands-on **digital marketing** experience, I understand what agencies and brands need from social media, content and online selling, and I build AI that does that work. I work **AI-first**: I use Claude, ChatGPT and Gemini as coding partners to plan, build, test and ship working products far faster than traditional development. Alongside engineering I bring real-world experience in IT operations, team management, sales, customer service and teaching, so I understand both the technology and the business.

CORE AI ENGINEERING SKILLS

AI agents	Multi-agent and multi-step pipelines (Plan → Write → Review), task decomposition, self-review and retry logic
LLM APIs	OpenAI, Claude, Gemini, Groq; prompt engineering, structured JSON output, model switching and fallbacks
Automation	n8n workflows, webhooks, REST APIs, Google Sheets / Gmail / Slack / CRM integrations
Digital marketing	Social media strategy and page management (Facebook, Instagram, LinkedIn, X), content planning and calendars, AI-powered content creation, product listings and online selling
RAG & chatbots	Chatbots grounded in business documents; AI tutor and assistant features in apps
AI-assisted dev	Building with Claude Code and AI coding tools: rapid prototyping, debugging and testing
Backend & data	Python, FastAPI, SQLite / D1, Firebase, Cloudflare Workers; data analysis and reporting
App & web	Flutter / Dart, JavaScript, HTML / CSS, Electron, React + Three.js; C++, Java, SQL

AI AGENT PROJECTS

Content Agent: AI weekly social content for marketing agencies Live project page

Python • FastAPI • LLM APIs (Groq / Gemini / OpenAI-compatible) • SQLite • Webhooks

- Three-agent pipeline: a **Planner** builds the weekly content plan from the brand voice, a **Writer** drafts posts for LinkedIn, Instagram, X and Facebook, and a **Reviewer** checks tone, quality and length and fixes weak posts.
- Turns a brand profile into a full week of on-brand posts in about a minute instead of hours of manual writing.
- Web dashboard to manage brands and campaigns, edit or regenerate single posts, approve, export CSV and send the week for client approval through a webhook.
- Provider-agnostic design (native Gemini API and any OpenAI-compatible endpoint), JSON-mode outputs, timeouts and rate-limit retries; published with a narrated demo video.

Website Audit Agent: AI SEO and website audit reports for businesses Live project page

Python • FastAPI • LLM APIs • SQLite • Standard-library crawler

- Three steps: **Crawl** (page, robots.txt, sitemap, up to 25 links checked in parallel), **Analyze** (35+ weighted checks scoring SEO, speed, mobile, content and security out of 100) and **AI Report**.
- The AI writes a plain-English summary, ranks fixes by impact and effort, and rewrites the SEO title and meta description.
- Printable white-label client report (PDF), CSV export and audit history; sold as a Fiverr service.

PSX Stock Research Agents: multi-agent investment research desktop app

Python • AI agents • Data analysis • Desktop UI

- Funnel of research agents for the Pakistan Stock Exchange: agent 1 analyses 9–12 months of weekly performance across all stocks and shortlists strong candidates; the next agents narrow them down to a final 8–10 picks.
- Final agent estimates next-week outcomes with probabilities (profit, loss, sideways) and highlights the highest-return opportunities in a clear report.
- Built-in investment calculator: amount and time period in, best-case / worst-case profit and loss out.

AI Business OS: 8-agent system for an AI social media services business

Python • FastAPI • SQLite • n8n • OpenAI API

- Designed an operating system of 8 specialised AI agents covering the work of a social media management and automation agency, controlled from a dashboard instead of the command line.
- Foundation for the agent products now being released one by one (Content Agent and Website Audit Agent released; Lead Follow-up and Client Report agents next).

LearnSkill: AI-powered coding education app (Android + web) learnskill-pk.web.app
Flutter / Dart • Firebase • Cloudflare Workers • AI tutor

- 22 courses with lessons, quizzes, XP, streaks and badges; **AI tutoring, AI-generated quizzes and Roman Urdu lesson translation** routed through a secure Cloudflare Worker proxy so API keys never ship in the app.
- Optional Google sign-in with Firestore progress sync; offline lessons; light and dark themes.

OTHER SOFTWARE PROJECTS

- **Naqsha se Ghar** (naqsha-se-ghar.web.app): paper floor plan to a walk-through 3D house. *React, Three.js, Firebase, PWA.*
- **UK Marketplace**: multi-seller storefronts, guest checkout, orders split by seller, admin tools. *JavaScript, Cloudflare Workers, D1.*
- **School Manager**: student records, fees, attendance and salaries, with a companion app. *Electron, Flutter, Supabase.*
- **PhoneCheck**: read-only Android diagnostics and inspection reports. *Electron, JavaScript, Android ADB.*

All projects with screenshots and demo videos: star-78656.web.app

EXPERIENCE

AI Agent Developer — Freelance, Remote *Nov 2026 – Present*

- Build AI agents and n8n / Python automations for marketing agencies and small businesses (content, reports, lead follow-up, customer questions), with human approval built into every workflow.
- Two live AI agents (Content Agent, Website Audit Agent) offered as services on Fiverr, Upwork and LinkedIn.

Digital Marketer — Freelance

- Planned and executed digital marketing strategies to grow clients' online presence and audience engagement.
- Managed client social media pages: content planning, post writing and scheduling, and promotion of products and services.
- Worked directly with clients to understand their goals, brand voice and audience, and delivered campaigns that matched them.
- Online selling on Facebook Marketplace (UK): product research, listings and fast customer replies.
- Now combines marketing with AI: the Content Agent automates the weekly content workflow agencies do by hand.

IT & Operations Manager — Freewall Customer Service (Call Centre), Islamabad *Jan 2023 – Jul 2023*

- Ran the IT setup and daily operations: workstations, network and calling systems, user accounts and first-line support.
- Supervised team performance across shifts and maintained customer-service quality.
- Handled monthly payroll, overtime and commissions, petty cash and vendor payments; built Excel salary, commission and expense sheets that gave management a clear cost-per-agent view.

Manager — Ghosia Real Estate, Islamabad *4 months*

- Managed real estate agents, divided areas and coordinated field operations and client dealings.
- Kept salary, deal-wise commission and expense records and reported monthly figures to the owner.

Python Programming Instructor — Private instruction *Ongoing*

- Teach beginners from fundamentals to hands-on projects, problem solving and debugging, in plain Urdu and English.

EDUCATION

BS Software Engineering — SZABIST, Islamabad *2020 – 2024*

- Final year project: **Online Expertise Exchange**, a mobile app connecting people with professionals who offer guidance and services.

STRENGTHS BEYOND CODE

Digital marketing	Social media management, content strategy, client campaigns and online selling
Operations & admin	Office management, workflows, records, vendors, payroll and Excel reporting
Team leadership	Supervising staff, shifts, targets and performance; customer-service team lead
Sales & business development	Client meetings, needs discovery, proposals and closing; real estate dealings
IT support	Hardware, software and network troubleshooting, user access and system reliability
Teaching & training	Explaining technical topics simply; coding and non-IT tutoring
Languages	English (conversational), Urdu (native)