

Saqlain Abbas

Islamabad, Pakistan | +92 311 9215509

saqlainraze@gmail.com | razee4315.github.io/portfolio | linkedin.com/in/saqlainraze | github.com/Razee4315

SUMMARY

Full-stack and AI engineer who takes products from idea to release. Creator of Paperling, an open-source markdown editor with 575+ GitHub stars, 12,900+ downloads and 82 releases. CTO and co-founder of VIYLSA. Client work since 2025 across web platforms (React, Next.js, FastAPI, PostgreSQL) and desktop and mobile apps (Tauri 2). Builds with AI coding agents and verifies every change with automated tests and CI. Final-year BS Artificial Intelligence student.

EXPERIENCE

VIYLSA

Islamabad, Pakistan

Chief Technology Officer & Co-founder

Apr 2026 – Present

- Co-founded VIYLSA, which turns physical venues into 360° virtual tours with a built-in AI guide. First paying customer in September 2026.
- Built the tour player, a bilingual AI guide (English and Urdu) that answers from venue documents, and visitor analytics. The tour of NEIC Islamabad runs live on viylsa.app.
- Own the full product stack: frontend, backend, database, AI integration and deployment.

Habfract Ltd.

Remote

Lead Engineer (Contract)

Feb 2026 – Jun 2026

- Led engineering on Agentiff Mobile, a desktop and mobile application built on Tauri 2 from one shared codebase.
- Shipped features against weekly milestones with a client in a different time zone, working asynchronously.

Analyze Agency

Remote

Full Stack Engineer (Contract)

Jan 2026 – Apr 2026

- Built a Windows screenshot application from scratch in Tauri and Rust, covering capture, annotation and sharing.
- Delivered installers, an auto-update channel and documentation within a three-month engagement.

CCRIPT Agency and Neuralogic (one shared team)

Islamabad and Dubai (Remote)

Full Stack Engineer

Aug 2025 – Dec 2025

- Hired after building a hiring-automation system on Workable in two days as a paid trial project.
- Delivered client web applications end to end: database design, REST APIs, React and Next.js frontends, and deployment.
- Built FastAPI and PostgreSQL services that put OpenAI models into customer-facing product flows.
- Integrated third-party authentication, payments and messaging to replace manual client workflows.

PROJECTS

Paperling | Tauri 2, Rust, React, TypeScript

575+ GitHub stars, 12,900+ downloads

- Built and maintain a no-setup markdown editor with live preview for math, chemistry and Mermaid diagrams, on Windows, macOS, Linux and Android.
- Shipped 82 releases through automated CI, backed by 70+ test files. 11 outside contributors have had work merged.
- Built a bring-your-own-model AI panel that proposes edits as inline diffs the user accepts or rejects, over any OpenAI-compatible endpoint.
- Launch posts on Reddit reached 500K+ combined views.
- Links: github.com/Razee4315/Paperling | razee4315.github.io/Paperling

Paperwren | Tauri 2, Rust, React, TypeScript

Android and Windows, 35 releases

- Built a fast document viewer that opens PDF, Word, Excel, PowerPoint, OpenDocument, CSV and Markdown files. It never touches the network and the Android release requests zero permissions.
- Shipped 35 releases since September 2026 through automated CI, with unit and end-to-end tests.
- Links: github.com/Razee4315/Paperwren | razee4315.github.io/Paperwren

Vuoom | Rust, wgpu, Tauri 2, SolidJS

45 releases, 900+ downloads

- Built a free screen recorder for Windows that zooms into each click and follows the cursor automatically. Frames are composited in Rust with wgpu and exported as MP4 or GIF.
- Links: github.com/Razee4315/Vuoom | razee4315.github.io/Vuoom

NetLogo-MCP | Python, FastMCP, NetLogo, JVM

On PyPI and the MCP Registry

- Designed and shipped the first MCP server for NetLogo. AI assistants can build, run and measure agent-based models through 25 tools, across 11 MCP clients including Claude Code and Cursor.
- Links: github.com/Razee4315/NetLogo-MCP | razee4315.github.io/NetLogo-MCP | pypi.org/project/netlogo-mcp

Neurix | *Rust, Candle, Tauri 2, React*

Android and Windows

- Built an app that runs language models fully on the device, with no account, server or internet after the first download. Ships 8 models from 380 MB to 2.2 GB.
- Link: github.com/Razee4315/neurix

Rasoi POS | *Tauri 2, React, TypeScript, SQLite*

Private client project

- Designed, shipped and maintain a fully offline point of sale and accounts system in daily use at a restaurant in Skardu. Every push to main produces an auto-updating installer.

OmniRecall | *Tauri, Rust, Preact, TypeScript*

Windows and Linux

- Built a desktop AI assistant that opens at the cursor with Alt+Space and answers with context from attached PDFs and code folders. Works with Gemini, OpenAI, Claude or a local Ollama model on the user's own key.
- Link: github.com/Razee4315/omnirecall

Pin-It | *C++, Qt 6, Windows API*

29 releases, 460+ downloads

- Built a native Windows utility that keeps any window on top with one global hotkey, adjusts its opacity, and restores pinned windows after a restart.
- Links: github.com/Razee4315/Pin-It | razee4315.github.io/Pin-It

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Rust, C++

Web: React, Next.js, Node.js, FastAPI, REST APIs, WebSocket, TailwindCSS, PostgreSQL, Supabase, SQLite

Desktop and Mobile: Tauri 2 (Windows, macOS, Linux, Android), Qt 6, Windows API, SolidJS, Preact

AI: Model Context Protocol (MCP) servers, RAG, on-device inference (Candle, GGUF), OpenAI, Claude and Gemini APIs, Ollama

Workflow: AI coding agents (Claude Code, Cursor), spec-first development, automated testing, GitHub Actions CI/CD and release automation

EDUCATION

National University of Technology (NUTECH)

Bachelor of Science in Artificial Intelligence, Final Year

Public School and College Skardu

HSSC, Computer Science

Islamabad, Pakistan

Aug 2023 – Present

Skardu, Pakistan

Jun 2020 – May 2022