

Saqlain Abbas

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SUMMARY

A proactive Artificial Intelligence student with professional experience as a Full Stack and Desktop Engineer. Proven ability to build scalable web applications using React and Next.js, and high-performance desktop tools using Rust and Tauri. Experienced in fine-tuning LLMs, integrating diverse APIs, and building privacy-first AI solutions. Seeking to apply advanced AI and software engineering skills to innovative projects.

EDUCATION

National University of Technology (NUTECH) <i>Bachelor of Science in Artificial Intelligence</i> Public School and College Skardu <i>HSSC Computer Science</i>	Islamabad, Pakistan Aug 2023 – Present Skardu, Pakistan Jun 2020 – May 2022
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EXPERIENCE

Upwork (Freelance) <i>Rust & Tauri Developer</i> <ul style="list-style-type: none">Developing high-performance desktop applications and utilities using Rust and the Tauri framework.Building privacy-focused AI-integrated tools and system utilities for international clients.	Remote Nov 2025 – Present
CCRIPT Agency <i>Full Stack Engineer</i> <ul style="list-style-type: none">Engineered robust web solutions using the Node.js and React ecosystem, handling UI components and server-side logic.Optimized frontend load times and backend API response rates to ensure high-speed performance.Designed efficient database schemas and integrated secure RESTful APIs to facilitate smooth data flow.Ensured code maintainability by following modular architecture and version control best practices.	Islamabad, Pakistan (Remote) Aug 2025 – Dec 2025
Neuralogic <i>Full Stack Engineer</i> <ul style="list-style-type: none">Worked concurrently with CCRIPT Agency (sister company) on a unified development team.Collaborated on backend architecture and API integrations to support scalable client solutions.Worked within an agile team to deliver high-quality code across both organizational divisions.	Dubai (Remote) Aug 2025 – Dec 2025

TECHNICAL SKILLS

Languages: Rust, Python, JavaScript, TypeScript, SQL, R, Java, C++ (Foundational)
Frontend/Desktop: Tauri, React, Next.js, HTML5, CSS, TailwindCSS, Gradio
Backend: Node.js, Django, FastAPI, WebSocket, Windows API
AI/ML: LLM Fine-tuning, OpenAI API, Anthropic, Ollama, Deepgram, Piper, Whisper, RAG
Databases: PostgreSQL, Supabase, Firebase, SQL
Tools & Platforms: Git, GitHub, VS Code, Stripe, Twilio

PROJECTS

OmniRecall <i>Tauri, Rust, AI (Gemini/OpenAI/Ollama), RAG</i> <ul style="list-style-type: none">Developed a privacy-first desktop AI assistant featuring a "Spotlight-style" interface for instant global access.Engineered a multi-provider system supporting cloud and local models with secure, local-storage architecture.Implemented Retrieval-Augmented Generation (RAG) to enable context-aware interactions with local PDFs/code.
MarkLite <i>Tauri, React, TypeScript, Rust</i> <ul style="list-style-type: none">Built a distraction-free, cross-platform markdown editor using Tauri and React with live preview capabilities.Project Link: github.com/Razee4315/MarkLite
PortKiller <i>Tauri, Rust, Preact</i> <ul style="list-style-type: none">Built a fast Windows utility to visualize and kill processes blocking specific ports.Project Link: github.com/Razee4315/portkiller

ClipStream | *Rust, Windows API, Tauri*

- Created a lightweight, context-aware clipboard manager for Windows that feels native to the OS.
- Project Link: github.com/Razee4315/clipstream

Hill Icon Skardu | *React 19, TypeScript, Vite*

- Designed a responsive commercial website for a tourism agency with interactive WhatsApp booking integration.
- Project Link: hilliconskardu.com

Spartan | *Next.js, Supabase, Twilio, Deepgram, OpenAI API*

- Engineered a full-stack call agent application for real estate professionals to manage client interactions.
- Integrated Twilio for phone calls, Deepgram for transcription, and OpenAI for AI-driven suggestions.

Jessy AI | *Next.js, PostgreSQL, FastAPI, OpenAI API, Piper, Whisper*

- Developed a bespoke AI personal assistant and health monitor with voice-to-text/text-to-speech capabilities.
- Built a FastAPI backend with PostgreSQL and integrated OpenAI for conversational logic.

Pitch & Yaw Finder | *JavaScript, HTML5, CSS3*

- Developed an interactive tool to calculate spherical coordinates from equirectangular images using vanilla JS.
- Project Link: github.com/Razee4315/pitch-and-yaw-finder

NUTECH Virtual Tour | *React, JavaScript, 360° Media*

- Built an interactive campus tour using React and 360° media.