Jibran Sarwar

AI Engineer · Full-Stack Developer · Open to Remote

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PROFESSIONAL SUMMARY

Full-stack developer and AI engineer with 1.5+ years of hands-on experience building and shipping production-grade AI products. Specializes in LLM-powered applications, RAG pipelines, voice agents, computer vision integration (Google MediaPipe), and end-to-end workflow automation. Delivered 10+ AI solutions for clients across the US, Australia, and Pakistan with a consistent 5-star Fiverr rating. Proficient across the full stack: React/Next.js/React Native frontends, FastAPI/Node.js backends, AWS cloud infrastructure, vector databases (ChromaDB, Pinecone), and n8n agentic workflows. Strong fundamentals in prompt engineering, retrieval-augmented generation, and multi-step LLM orchestration. Currently pursuing BS Computer Science at SZABIST Islamabad (2027), available for full-time AI Engineering and Full-Stack Developer roles.

EXPERIENCE

AI & Full-Stack Freelancer · Fiverr / Independent Clients · *US, Australia, Pakistan* Jan 2025 – Present

- Designed, built, and deployed 10+ production AI systems including LLM chatbots, voice-calling agents, and RAG-powered tools using OpenAI GPT-4, Anthropic Claude, and Google Gemini APIs — maintaining a 5-star Fiverr rating across all international engagements
- Engineered agentic n8n automation workflows integrating LLMs with CRMs, databases, and social platforms, reducing client manual workload by 60–70% per project
- Built GeoLead AI Chrome Extension (Manifest V3) that automated B2B lead generation from Google Maps using Gemini Pro for AI-personalized outreach, cutting client prospecting time by 80%
- Designed and shipped 10+ full-stack web applications for SMBs using React, Next.js, and Node.js, consistently delivering on or ahead of schedule
- Implemented agentic lead generation pipeline using Groq Llama 3 70B and n8n — processing 500+ deduplicated leads per run with zero manual steps via auto-pagination and Google Sheets output

Web Development Intern · ESQUAL · *Islamabad, Pakistan* Jun 2025 – Aug 2025

- Contributed to 3 production full-stack projects, including a Three.js 3D product configurator integrated with REST APIs — shipped to live clients
- Built responsive, component-driven UIs with REST API integrations including immersive 3D elements using Three.js and Framer Motion
- Followed professional software engineering standards: Git branching strategy, peer code review, and CI/CD pipeline workflows — first structured team engineering environment

TECHNICAL SKILLS

Languages	Python, JavaScript, TypeScript, SQL
AI / LLM	OpenAI GPT-4, Anthropic Claude, Google Gemini, Groq (Llama 3 70B), LangChain, RAG Pipelines, Prompt Engineering, LLM Orchestration, n8n Agentic Workflows, Ollama
Vector DB	ChromaDB, Pinecone, OpenAI Embeddings (text-embedding-3-small), Semantic Search, HuggingFace Embeddings
Computer Vision	Google MediaPipe (Pose Estimation), OpenCV, Skeletal Keypoint Extraction, Biomechanical Analysis
Frontend	React, Next.js 14, React Native, Expo, Three.js, Tailwind CSS, Framer Motion, HTML5, CSS3, React Navigation, Context API
Backend	Node.js, FastAPI, Express.js, PostgreSQL, MongoDB, Supabase (BaaS), Firebase, SQLite (WatermelonDB), REST APIs, GraphQL
Cloud / DevOps	AWS (EC2, S3, Lambda), Docker, GitHub Actions, CI/CD Pipelines, Vercel, Railway
Design	Figma, Responsive UI/UX, Component Design Systems, Accessibility

PROJECTS

CrickConnect — AI Cricket Talent Discovery & Scouting Platform [FYP · In Progress]

`React Native · Expo · TypeScript · FastAPI · Supabase · PostgreSQL · Google MediaPipe · SQLite`

Final Year Project (In Progress) — Cross-platform mobile app replacing subjective cricket scouting with AI-driven biomechanical analysis. Engineered player discovery engine with weighted ranking algorithm (60% AI pose estimation score + 40% verified match statistics). Built automated Gold/Silver/Bronze badge allocation via Supabase database triggers, anti-cheat stat-locking to prevent manual score manipulation, and regional leaderboard module with city-based filtering for scouts. Integrated Google MediaPipe pipeline to estimate 33 skeletal keypoints measuring batting backlift, bowling arm release angle, and follow-through.

DocuMind — RAG-Powered Document Q&A System github.com/jibran-jpeg/documind

`LangChain · ChromaDB · OpenAI text-embedding-3-small · FastAPI · Next.js 14 · Tailwind CSS`

Production RAG application enabling semantic Q&A over user-uploaded PDFs. Pipeline: document ingestion → PyMuPDF text extraction → RecursiveCharacterTextSplitter chunking → OpenAI embeddings → ChromaDB vector storage → cosine similarity retrieval → GPT-4o-mini answer generation with source page citations. Hallucination reduction via strict retrieval grounding — LLM answers only from retrieved context.

GeoLead AI — B2B Lead Generation Chrome Extension github.com/jibran-jpeg/geolead-ai

`Manifest V3 · Google Gemini Pro API · Chrome Extension API · JavaScript`

Manifest V3 Chrome Extension automating B2B lead discovery from Google Maps with AI-generated personalized email and SMS outreach pitches. Reduced client prospecting time by 80% for sales teams. Integrated Gemini Pro for lead enrichment and pitch personalization.

AI Lead Generation System

`n8n · Groq API (Llama 3 70B) · Google Sheets API · JavaScript`

Fully automated agentic n8n workflow for Google Maps lead extraction — zero manual steps. Built auto-pagination, memory tracking, and deduplication logic directly into Google Sheets output. Processes 500+ unique leads per run via Groq Llama 3 70B for data enrichment.

Data Exposure Tracker github.com/jibran-jpeg/data-exposure-tracker

`React · FastAPI · Python · k-Anonymity Protocol · HaveIBeenPwned API`

Privacy-first security web app checking compromised emails and passwords using the k-Anonymity protocol — no raw credentials ever transmitted; only hashed prefixes leave the browser. Protects user privacy while providing real-time breach detection.

Portfolio — 3D Scrollytelling Website jibran.site

`Three.js · Next.js · Framer Motion · AWS EC2 · S3`

Interactive 3D portfolio with scroll-driven animations and spring-based transitions, deployed on AWS EC2. Cited by multiple international clients as the primary reason for hiring. Demonstrates advanced Three.js scene management and Framer Motion orchestration.

LANGUAGES

English	Professional proficiency — strong reading, writing, and comprehension
Urdu	Native / Full professional proficiency
Balti	Native speaker
French	Elementary proficiency (A2)

EDUCATION

BS Computer Science · SZABIST Islamabad — 2023 – 2027 (Expected)

Focus Areas: Advanced AI Systems · Software Engineering · Data Structures & Algorithms · Cloud Computing · Database Systems

Higher Secondary — FSc Pre-Engineering · Public School and College, Skardu — 2022