

Yasin Reja *Software Engineer*

✉ ryasin598@gmail.com

📍 Riyadh, Saudi Arabia

☎ +966598674607

PROFESSIONAL SUMMARY

Software Engineer specializing in modern web architecture, SaaS platforms, and mobile responsive application development. Proven track record in designing intuitive, localized user interfaces, architecting robust backend APIs, and deploying full-stack solutions to cloud environments.

PROFESSIONAL EXPERIENCE

Lead Developer, RiyadhLink SaaS Platform

04/2026 – Present

- Architecting and developing a full-stack web application for a boutique digital identity and professional networking SaaS platform in the MENA market.
- Building dynamic, responsive frontend dashboards that enable users to seamlessly onboard, manage their profiles, and generate customized, Linktree-style web pages.
- Designing an Arabic-first UI/UX architecture with dynamic theming capabilities to ensure a premium, culturally relevant, and accessible web experience.
- Engineering a seamless hardware-to-app bridge linking physical NFC accessories to web-hosted user profiles and instant vCard downloads.

AI ENGINEER, RIYALESTATE

08/2025 – 01/2026 | Riyadh, Saudi Arabia

- Architected and built AI voice agent from scratch using React, WebRTC, and OpenAI APIs to handle automated real estate customer service.
- Developed a dynamic Persona and Language Engine that allows users to switch between English and Arabic.
- Built a semantic RAG search system that uses vector similarity to match clients with properties based on their requested vibe or atmosphere, bypassing rigid, traditional filters.
- Automated lead generation and scheduling by programming the AI agent to extract key caller information and autonomously book property viewings with real estate agents.
- Designed low latency streaming to enable natural conversational workflow.
- Engineered live database pipeline to ground the AI knowledge base to ensure the voice agent always provides clients with updated property availability and pricing info.

LEAD BACKEND ENGINEER

07/2025 – 11/2025 | Riyadh, Saudi Arabia

VALLO REAL ESTATE PLATFORM [🔗](#)

- Led end to end integration with National Housing Company APIs, enabling secure and reliable communication between internal platforms and external government backed real estate services.
- Reviewed and implemented API documentation requirements to ensure compliant, and efficient data exchange
- Configured and hardened server for secure service communication.
- Migrated infrastructure to Saudi-hosted cloud environments, significantly improving latency and reliability.
- Resolved a critical Saudi data residency compliance incident by identifying and disabling a Cloudflare routing feature that redirected traffic through non Saudi servers.
- Managed and maintained cloud server infrastructure, ensured availability, security, performance, and compliance with Saudi hosting and data residency requirements.

- Engineered and deployed a client-side application on the Play Store
- Operated Linux-based production backend environments supporting live platform services.
- Designed and maintained a Firebase-based backend, integrating real-time order tracking and advanced analytics.
- Took ownership of backend reliability, investigated and resolved production issues through debugging.
- Built and maintained RESTful backend services
- Managed cloud infrastructure configuration, deployment pipelines, and environment security controls.
- Configured networking, API routing, and secure service-to-service communication.
- Collaborated with dev teams to resolve operational and integration issues impacting users.

TECHNICAL SKILLS

AI & Machine Learning skills

LangGraph, OpenAI SDK, pgvector, RAG, Arabic Agent

Data Extraction & Scraping

Python, REST APIs, JSON/XML Parsing, Web Scraping, WebRTC Streaming Pipelines

Technical skills

Python, JavaScript, Node.js, MERN stack, MySQL, PostgreSQL, Firebase, Supabase, Linux,

Business & Leadership Skills

Technical Leadership, Strategic Planning, Entrepreneurial Mindset, Cross team collaboration

Technical Understanding

REST APIs · Authentication flows · API Gateway routing · Distributed systems communication

LANGUAGES

- Arabic
- English

EDUCATION
