

Julian Shaw

Senior Full Stack Engineer · Product Engineer · SaaS & AI Systems

UK · London/Remote

Email: julianshaw2000@gmail.com | Phone: +44 7448 154768

Portfolio: <https://propkat.com> | <https://qaren.co.uk> | <https://cityhistorywalks.com>

Angular · .NET · PostgreSQL · MS SQL Server · Stripe · AI Integration

Professional Summary

Senior full stack engineer with 20+ years of experience delivering SaaS products, enterprise systems, and AI-enabled applications. Strong background in Angular, .NET APIs, PostgreSQL, and subscription-based platforms. Proven ability to take products from concept to production, including architecture, development, and deployment.

Core Skills

Frontend Development: Angular 21 (Standalone Components, Signals, PWA), Flutter, TypeScript, HTML, CSS

Backend Development: .NET Web API, C#, Python, FastAPI, REST APIs, Docker

Databases & Data: PostgreSQL, SQL Server, Supabase, Firebase

AI & Automation: OpenAI API integration, LLM-based summarisation, prompt engineering, voice-to-text processing

Payments & Billing: Stripe API, subscription billing, payment workflows

Cloud & DevOps Tools: Azure, Render, Vercel, GitHub Actions, CI/CD, Cursor IDE, Claude Code

Professional Experience

Product Engineer – Job Seekers Progress Notes App | Jan 2026 – Feb 2026

Built a job-seeker tracking and coaching platform.

Implemented voice-to-text for live session capture.

Integrated OpenAI LLMs to generate CV summaries and action plans.

Delivered Angular 21 PWA with structured AI outputs.

Website: <https://qaren.co.uk>

Founder / Lead Engineer – PropKat / PropertyAI | Nov 2025 – Jan 2026

Founded a UK property and maintenance management SaaS platform.

Designed and implemented multi-tenant data isolation.

Built Angular frontend and .NET Web API backend.

Implemented PostgreSQL data model and Stripe subscription lifecycle.

Website: <https://propkat.com>

Founder / Lead Engineer – CityHistoryWalks | Jul 2024 – Present

Built a self-guided city walking tour PWA.

Developed interactive map experiences using MapLibre and Supabase.

Implemented Stripe-gated premium content.

Added location-aware tour triggers using Angular 21.

Website: <https://cityhistorywalks.com>

Project Engineer – jaPOS | Jun 2025 – Aug 2025

Developed a Windows-based retail POS system using Flutter.

Founder / Lead Engineer – Legal-JM | Jan 2025 – Aug 2025

Built an AI-driven legal document review platform for Jamaica.

Designed document ingestion and proofreading workflows.

Engineered LLM prompts for structured legal analysis and review.

Developer – Carib Condominiums Gate Management System | Aug 2024 – Present

Built a gate management and security monitoring system.

Implemented real-time visitor logging and gate control.

Integrated cameras and automation using Angular, Firebase, Python, and Home Assistant.

Contract Developer – Real Digital International | Jan 2023 – Jun 2023

Developed a stock tracking system with barcode scanning.

Built Angular frontend and C# backend services.

Reduced inventory discrepancies by 25%.

Lead Developer – Zeolite Technology | 2018 – Aug 2021

Built property rental platforms and trading automation systems.

Developed Python-based FX and stock trading bots.

Maintained safety and monitoring systems for Aramco projects.

Application Engineer – Saudi Aramco | 2008 – 2018

Developed enterprise applications for 25,000+ users.

Built ASP.NET MVC systems backed by SQL Server.

Delivered a Project Safety Management System used across departments.

Education & Certifications

MSc Information Science

BSc Computer Science

SCRUM Master, CCNA Associate