

PORTFOLIO

Paul Rahme

AI AUTOMATION ENGINEER

Automation that does the work of entire teams.

Production AI systems — autonomous agents, self-generating test suites, and ticket-to-PR workflows.

PROFILE

I engineer with AI — I don't just use it.

I design and ship **production AI automation**: autonomous agents, self-generating test suites, and LLM-powered workflows that remove repetitive work end to end. My background in **QA automation and full-stack development** means I don't just prototype — I build systems that run reliably in production, every day.

The pattern in everything I build is the same: take work that used to need a whole person or team, and hand it to a system that does it quietly, around the clock. That frees engineers to focus on judgment and product — and lets small teams move like much bigger ones.

WHAT I'M BUILDING NOW — AT ASPIRE SOFTWARE / DOCKMASTER

Autonomous support agent — resolves customer issues end to end, 24/7, with no human in the loop.

AI test-generation workflow — automatically writes, runs, and maintains automated tests on a schedule.

Ticket → PR automation — turns Linear tickets into ready-to-review pull requests for engineers to approve.

Voice AI — Sadie — contributed to a real-time conversational voice assistant.

IMPACT AT A GLANCE

—
~80%

less manual QA effort — tests generated & maintained by AI

—
2×

faster delivery, from ticket to ready-to-review PR

—
~60%

of support tickets resolved autonomously, 24/7

—
3

AI systems shipped to production and running today

Figures are realistic estimates from production automation work — happy to walk through the detail.

SELECTED WORK

Systems I've shipped.

—

01 — AI TEST AUTOMATION

Automated an entire team's manual QA workload.

Built an AI-driven workflow that generates, runs, and maintains end-to-end tests on a schedule — reading the product, writing the coverage, and reporting results with no human in the loop.

- **~80% less manual QA effort** — repetitive regression testing handed to AI.
- **Every release covered** — full regression runs automatically, zero-touch.
- **Removed the need for a dedicated manual QA cycle** before each ship.

Python · Cypress · WebdriverIO · Selenium · GitHub Actions · LLMs

02 — AUTONOMOUS SUPPORT AGENT

Turned support from a cost center into breathing room.

Designed a fully automated AI support agent that triages, answers, and closes customer issues around the clock — absorbing the repetitive bug and support load that used to pull engineers off product work.

- ~60% of tickets auto-resolved, 24/7, with no human in the loop.
- Seconds to first response, down from hours.
- Fewer escalations — protected engineering time and margins.

AWS Bedrock · Google Gemini · ChatGPT · Claude · Python

03 — TICKET → PR AUTOMATION

Engineers stopped writing boilerplate. They review.

Built a workflow that reads Linear tickets and automatically drafts the matching pull requests — scoped, coded, and opened for developers to simply approve.

- 2× faster ticket-to-PR turnaround.
- Review-only for developers — approve instead of build from scratch.
- Less context-switching — time shifts from grunt work to judgment.

Linear · GitHub · LLMs · Python · CI/CD

QUALITY ENGINEERING

Test automation — from manual grind to zero-touch.

Before AI, I spent years building and running **automated testing at scale** — the foundation my AI test-generation work is built on. I design end-to-end frameworks that

catch issues before release and run themselves in CI, so quality stops depending on manual effort.

WHAT I BRING

- **End-to-end frameworks** — Cypress, Playwright, WebdriverIO, Selenium, and TestComplete suites built for reliability and speed.
- **Cross-platform coverage** — one suite spanning web, TV, and mobile apps (Shasha Media platform).
- **Cross-browser & real-device testing** — validated across browsers, OS versions, and real devices with BrowserStack.
- **API & integration testing** — validating services and data flows, not just the UI.
- **CI/CD integration** — tests run automatically on every push via GitHub Actions and gate releases.
- **AI-driven test generation** — LLMs that write and maintain coverage, cutting manual effort by ~80%.
- **Senior QA across industries** — tourism (Saudi Tourism Authority), healthcare & travel (mdgroup), media (Shasha), and marina software (Dockmaster).

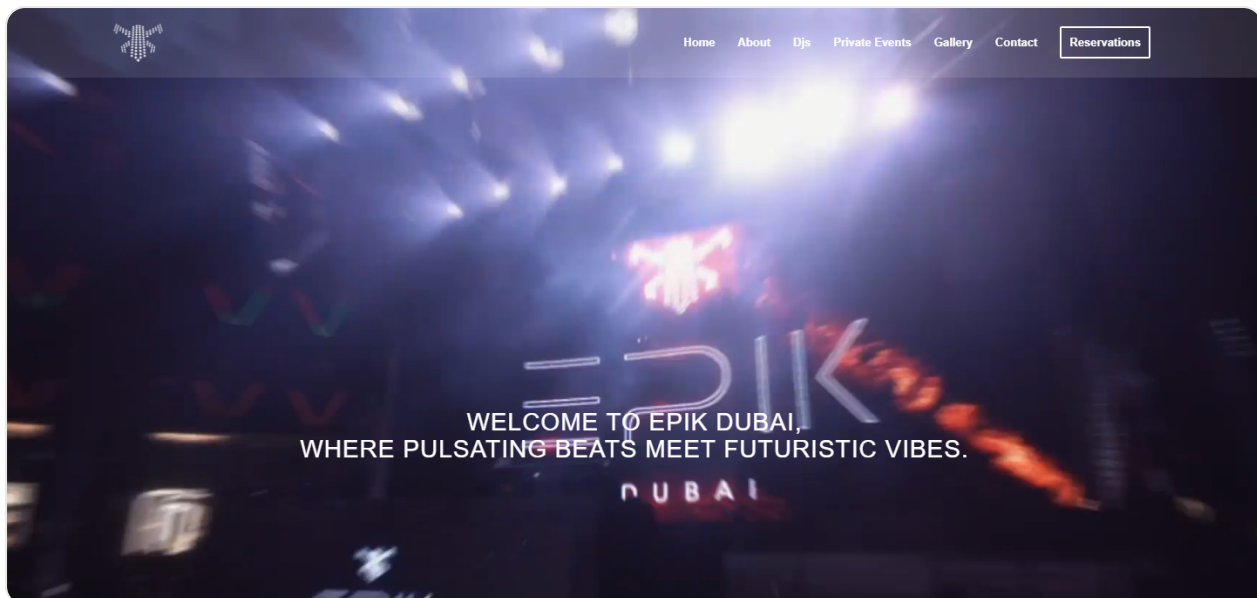
THE SHIFT I LEAD

Manual QA cycles become self-generating, self-running test suites. Teams stop babysitting regressions and ship with confidence on every release — without a growing QA headcount.

WEBSITES I'VE BUILT

Designed, built, and shipped — end to end.

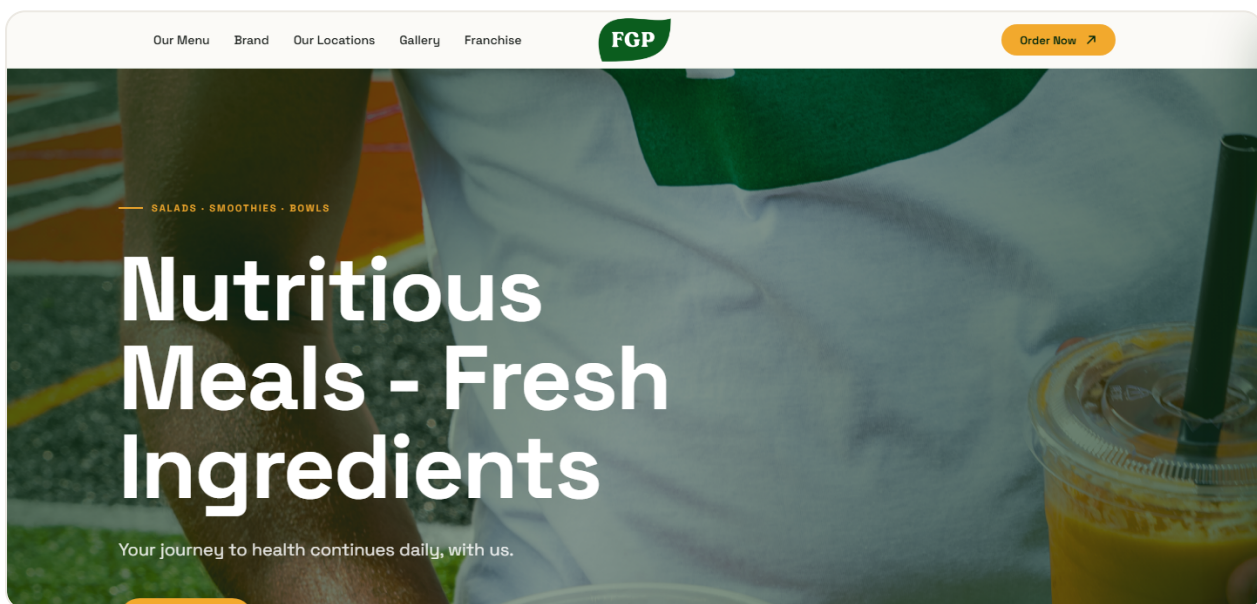
Beyond automation, I build complete websites from design to development to a custom content-editor portal — so clients manage their own content. A few I've delivered:



EpikDubai — Arabic nightclub · Dubai, UAE

A bold, immersive site for a Dubai nightlife venue, with an editor portal for events and content. Freelance — designed & built end to end.

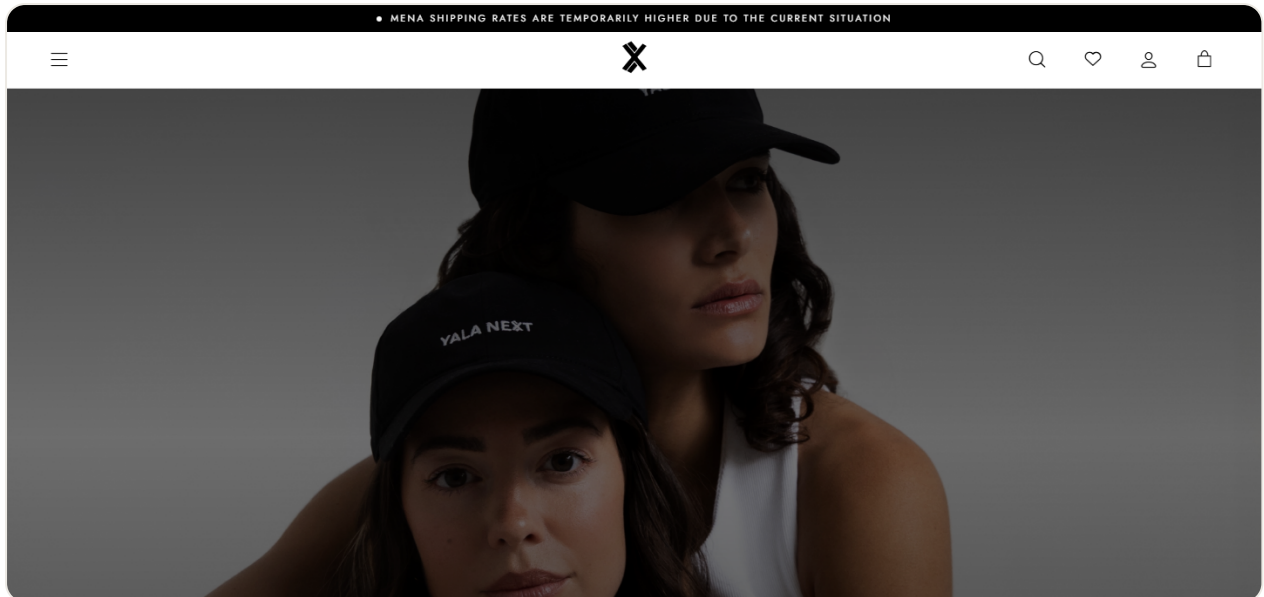
epikdubai.com →



Fresh Greens & Proteins — healthy food · Connecticut, USA

A clean, appetite-forward site for a salads, smoothies & bowls brand, with menu management built in. Freelance — designed & built end to end.

freshgreensandproteins.com →



Yala Next — sustainable fashion e-commerce · my own brand

A full storefront for a natural-fabric clothing brand made in Portugal — I build and run it as technical partner.

yalanext.com →

CLIENTS & PLATFORMS

Teams I've delivered for.



McKinsey & Company

Invest Kenya · Dubai



PwC

Visit Saudi · Jordan



Saudi Tourism Authority

Senior QA Automation · KSA

DockMaster

Dockmaster

AI Automation · Aspire Software



mdgroup

QA Automation · agile squad



Aspire Software

AI Automation Engineer



Eurisko

Senior QA & Senior Dev



Yala Next

Technical Partner · own brand

TOOLKIT

AI & LLMs

AWS Bedrock

Google Gemini

ChatGPT

Claude

Claude Code

Prompt Engineering

AI Agents

Automation & QA

Cypress

Playwright

Selenium

WebdriverIO

TestComplete

BrowserStack

GitHub Actions

CI/CD

Engineering

Python

TypeScript

React

React Native

Node.js

PHP / Laravel

Full stack: React, React Native, WordPress, PHP/Laravel · plus complete website builds with a custom content-editor portal.

EXPERIENCE

Track record.

ROLE	COMPANY	PERIOD
AI Automation Engineer	Aspire Software · Dockmaster	Oct 2025 – Present
Technical Partner	Yala Next (own brand)	2026 – Present
Freelance Web Developer & Designer	Self-employed	2020 – Present
Senior QA Automation Engineer & Senior Dev	Eurisko	2024 – 2026
Senior QA Automation Engineer	Saudi Tourism Authority	2024 – 2025
QA Automation Engineer	mdgroup	2023 – 2024
Full-Stack Developer & QA Automation	Abiroot	2020 – 2024

EDUCATION

Lebanese University — Computer Science

PREPARED BY

Paul Rahme

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AVAILABLE FOR

AI Automation Engineer roles

Remote / Global · On-site (Lebanon, UAE, KSA)