

PAUL RAHME

AI AUTOMATION ENGINEER

Mount Lebanon, Lebanon · Lebanese · Open to Remote (Worldwide) & Relocation
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SUMMARY

AI Automation Engineer who designs and ships AI-driven systems that do the work of entire teams — autonomous agents, LLM-powered pipelines, voice AI, and intelligent test automation. I don't just use AI tools; I engineer with them in production. Deep across the modern AI stack (Anthropic Claude, AWS Bedrock, Google Gemini, ChatGPT) with strong full-stack fundamentals in Python, TypeScript, and Node.js, plus 6+ years in software quality and test automation.

KEY ACHIEVEMENTS

- Built an autonomous **AI support agent** that resolves **~60% of requests** with zero human intervention — hours-to-seconds response.
- Cut **manual QA effort ~80%** with a self-running AI pipeline that generates and executes tests on a schedule.
- Automated a **ticket-to-PR workflow** (Linear → review-ready pull requests), removing hours of setup per ticket.
- Scored a perfect **5/5 — the highest ever recorded** in Eurisko's QA Academy.

SKILLS & TECHNOLOGIES

AI & LLMs: Artificial Intelligence (AI), Large Language Models (LLMs), Generative AI, AI Agents / Autonomous Agents, Prompt & Context Engineering, Retrieval-Augmented Generation (RAG), AI Orchestration, LLM Pipelines, Voice / Conversational AI, AWS Bedrock, Google Gemini, OpenAI / ChatGPT, Anthropic Claude, Claude Code, OpenCode

Automation & Testing: Workflow Automation, Intelligent Test Automation, Cypress, Selenium, Playwright, WebdriverIO, TestComplete, Appium, BrowserStack, Cucumber (BDD), API / REST Testing, Postman, Regression Testing, CI/CD, GitHub Actions

Languages & Frameworks: Python, TypeScript, JavaScript, Node.js, React, React Native, HTML, CSS, PHP / Laravel, WordPress

Tools & Platforms: Git, GitHub, Jira, Linear, REST APIs, SQL / MySQL, Wix, Canva AI

Practices: Agile / Scrum, SDLC, Human-in-the-Loop Design, Code Review, Mentoring, Test Planning & Strategy

EXPERIENCE

AI Automation Engineer — Aspire Software (Valsoft)

Oct 2025 – Present

Contract · Remote

- Built a fully automated AI support agent that resolves **~60% of incoming requests** with no human intervention, cutting first-response time from hours to seconds.
- Engineered an AI-powered workflow that auto-generates and runs automated tests on a schedule — reducing **manual QA effort ~80%** and catching regressions before release.
- Designed a workflow that auto-creates pull requests from Linear tickets, leaving developers to simply review.
- Contributed to the **Sadie voice assistant** (conversational / voice AI) — real-time understanding, intent handling, and response.
- Integrated LLMs (AWS Bedrock, Google Gemini, ChatGPT, Claude) into production automation pipelines with guardrails, confidence thresholds, and human-in-the-loop escalation; built intelligent test automation with TypeScript, JavaScript, and Python.

Senior QA Automation Engineer & Senior Developer — Eurisko

Jun 2024 – Mar 2026

Contract · Lebanon (Hybrid)

- Built end-to-end, increasingly AI-assisted automated test frameworks (Cypress, WebdriverIO, TypeScript, Cucumber) that cut manual regression ~70%.
- Automated testing for the **Shasha Media** platform across web, TV, and mobile apps.
- Acted as senior developer on full-stack features (React, TypeScript, Node.js); reviewed code and mentored peers.
- Drove quality across the full SDLC in an Agile environment; graduated the QA Academy with a perfect **5/5 — the highest score in its history**.

Full-Stack Developer & QA Automation Engineer — Abiroot

Jan 2020 – Jan 2024

Full-time · Lebanon

- Built full-stack web and cross-platform mobile applications (React, React Native, Node.js, PHP / Laravel, WordPress).
- Created and maintained automated test suites (Cypress) ensuring quality and reliability across releases.
- Delivered end-to-end features across front-end and back-end in a fast-paced Agile environment.

Technical Partner & Freelance Web Developer — Yala Next / Independent

2020 – Present

Remote

- Technical partner at **Yala Next** (sustainable-fashion e-commerce, my own brand) — building and running the platform and digital experience end to end.
- Build complete client websites A-to-Z — UI/UX design, development, and a custom content-editor / admin portal that lets clients manage their own content.
- Selected sites: **EpikDubai** (Arabic nightclub, Dubai, UAE), **Fresh Greens & Proteins** (healthy-food brand, Connecticut, USA), **Yala Next**.
- Tech: React, React Native, WordPress, PHP / Laravel.

SELECTED PROJECTS

- **AI Support Agent (Aspire)**: autonomous, guard-railed agent resolving ~60% of tickets end to end.
- **Scheduled AI Test Generation (Aspire)**: self-running pipeline that generates and executes tests; ~80% less manual QA.
- **Ticket-to-PR Automation (Aspire)**: turns Linear tickets into review-ready pull requests.
- **Sadie Voice Assistant (Aspire)**: contributed to a production conversational / voice-AI assistant.
- **Dockmaster (Aspire / Valsoft)**: AI-driven automation and intelligent test workflows for a marina & boatyard management platform.
- **Shasha Media (Eurisko)**: end-to-end automated testing across web, TV, and mobile.
- **Invest Kenya — McKinsey & Company (Dubai)**: investment-promotion web platform — front-end development + QA.
- **Visit Saudi — PwC**: quality assurance / testing for the national tourism platform.
- **mdgroup**: QA automation within an Agile delivery squad.

EDUCATION

Bachelor's Degree — Management Information Systems (MIS) · Lebanese University

CERTIFICATIONS & AWARDS

- Frontend Developer Career Path — Scrimba
- **Eurisko QA Academy — 5/5, highest score ever recorded**

LANGUAGES

Arabic — Native · English — Fluent · French — Professional