

DIMITAR PRODROMOV

Software Architect & SDET Specialist

Visual Regression | Playwright Automation | CI/CD Integration

To: Hiring Team @ Mobile Wave Solutions

Role: Mid-Level SDET (Playwright Focus)

Date: January 11, 2026

Re: Delivering Pixel-Perfect Quality with Architect-Level Automation

I am writing to apply for the SDET position at Mobile Wave Solutions, specifically excited by your focus on Playwright and collaborative front-end testing. While my recent work involves architecting entire autonomous ecosystems (*QAntum Prime*), my heart remains in the technical trenches of building robust, flake-free automation suites that developers trust.

You are seeking a "proactive partner" who ensures pixel-perfect user experiences. Here is why my diverse background makes me the ideal candidate for this:

1. Playwright Mastery & The "Pixel-Perfect" Standard:

I don't just use Playwright; I build frameworks around it. In my proprietary Crypto-Trading Dashboard (a data-rich, real-time UI similar to the systems you build), I implemented:

- **Strict Visual Regression:** Automated pixel-comparison tests to catch even 1px misalignments.
- **Real-Time Data Validation:** Strategies for testing dynamic websockets and live updating charts without flaky timeouts.
- **Self-Healing Selectors:** Smart locators that thrive even when front-end classes change.

2. Integrated CI/CD (GitHub Actions):

You mentioned integrating quality into the pipeline. I treat tests as a "Gatekeeper". My personal infrastructure uses GitHub Actions to automatically trigger regression suites on every commit. If the UI breaks, the build fails. I bring this same "Shift-Left" discipline to your team, ensuring bugs are caught minutes after coding, not days later.

3. Collaborative "Grey Box" Testing:

My strength lies in speaking the language of developers. Since I write TypeScript/React code myself, I don't just log bugs like "Button doesn't work". I provide root-cause analysis: *The onClick handler is unmounting before the promise resolves.* This makes me a true partner to your front-end engineers, speeding up resolution times drastically.

4. Cloud & Performance:

I have experience deploying and testing in cloud environments (Google Vertex AI / Cloud), which translates seamlessly to your AWS context. I understand that a "functional" UI isn't enough; it must be performant, responsive, and resilient under load.

Why Mobile Wave?

I admire your mission to "empower businesses globally" with scalable solutions. I am looking for a team where quality is a shared culture, not a checklist. I am ready to bring my "Architect's Eye" to your detailed testing needs, ensuring every delivery is indeed pixel-perfect.

Sincerely,

Dimitar Prodromov

SDET & QA Architect

(Code Samples & Stress-Test Demos Available)