ARJAY ESCABAS

SENIOR FULL-STACK DEVELOPER | AI ENGINEER | QA & TEST AUTOMATION

+63 956 948 3717 | arjayescabas102@gmail.com | Philippines (Remote) | arjayescabas.me | linkedin.com/in/arjay-esc

PROFESSIONAL SUMMARY

Senior Full-Stack Developer, AI Engineer & QA Automation Specialist. Founding engineer for Utah-based enterprises (OWSI & Gemstone Development LLC), architecting production platforms that reduced company operational workload by 60%. Proven expertise in LLM/agent orchestration (Anthropic Claude SDK, Gemini API, Onorca), modern web systems (Next.js 16, React 19, TypeScript, Python, FastAPI, PostgreSQL, Supabase), and rigorous software quality engineering (Playwright E2E browser suites, Vitest, SQL RLS security testing, API validation, and CI/CD quality gates).

TECHNICAL SKILLS

AI Engineering & LLMs:	Anthropic Claude SDK, Gemini API, OpenAI, Onorca Workflows, AI Agents, Prompt Engineering, PDF/Document AI Parsing
QA & Test Automation:	Playwright (E2E Browser Suites), Vitest, Regression Testing, API & Webhook Validation, SQL/RLS Security Testing, TDD, Sentry
Frontend & Web:	TypeScript, JavaScript, React 19, Next.js 16 (App Router), Vue 3, Tailwind CSS 4, Zustand, TanStack Query, PWA
Backend & APIs:	Node.js, Python, FastAPI, Laravel, REST APIs, Server Actions, SSE / WebSockets, Meta Graph & RingCentral APIs
Data, Cloud & DevOps:	PostgreSQL, Supabase (Auth, RLS, Storage), Prisma, Redis, AWS S3, Cloudflare R2, Docker, GitHub Actions CI/CD, Vercel

WORK EXPERIENCE

Senior Developer — AI, Full-Stack & QA Lead (Founding Developer) — 2026 – Present

Old World Stone Imports USA (OWSI) & Gemstone Development LLC — Utah, USA (Remote)

- Founding engineer (1 of 2 developers) directing architecture, AI integration, and QA across 3 production web platforms (gemstone-construction.owsiusa.com, giveaways.owsiusa.com, notebook.owsiusa.com), reducing company operational workload by 60%.
- Engineered embedded AI workflows (Anthropic Claude PDF bid/plan verification, AI Visual Studio tools, Onorca agent orchestration) alongside deterministic financial and campaign systems.
- Built comprehensive Playwright E2E test suites, Vitest unit tests, hydration verifiers, and PostgreSQL/Supabase RLS security tests validating live draw rooms, OTP auth flows, and multi-viewport responsiveness pre-release.

Full-Stack Web, QA & Automation Developer — 2026

Infosoft (Mini Clean Business Solutions)

- Developed full-stack web applications, REST APIs, and automated SQL migration pipelines with staging-first data validation and browser automation (Puppeteer).
- Designed deterministic verification rules, automated data integrity checks, and export auditing flows to eliminate migration defects before production deployment.

AI Application & Software Testing Developer — 2024 – 2026

Freelancer

- Engineered AI-powered applications, automated web crawling/auditing platforms (CipherLens, SQAuto), and defensive security/QA scanners evaluating SSL/TLS, HTTP headers, exposed endpoints, and repository hygiene.
- Integrated multi-provider LLM pipelines (Gemini, OpenAI, Anthropic) for automated risk scoring, anomaly detection, and remediation reporting.

FEATURED PRODUCTION PROJECTS

Gemstone Construction — Operations & Financial Workspace (Sole Developer) — gemstone-construction.owsiusa.com

Next.js 16, React 19, TypeScript, PostgreSQL, Supabase, Anthropic Claude AI, Leaflet, RingCentral SMS, Playwright, Vitest

- Personally architected full-stack construction PWA covering decimal-safe project budgets, Claude AI PDF bid intake & leveling, AP invoice ledgers, bank draw requests, Leaflet maps, and multi-crew SMS scheduling.
- Implemented automated Playwright E2E verification, site hydration checks, and Vitest test suites enforcing zero-regression releases across phone, tablet, and desktop viewports.

OWSI Giveaways — Verified Campaign & Live Raffle Engine (Sole Developer) — giveaways.owsiusa.com

Next.js 16, React 19, TypeScript, Supabase RLS, Tailwind CSS 4, Anthropic AI, Meta Graph API, Resend, Playwright

- Engineered custom Gleam replacement featuring hybrid Meta Graph API comment verification, admin screenshot review queues, passwordless 6-digit OTP portals, and synchronized live raffle wheel draw rooms.
- Authored 12+ automated Playwright E2E test suites (entry-flow, review-flow, draw-flow, shared-live-room, meta-flow) and PostgreSQL RLS security tests validating campaign integrity.

OWSI Notebook — Collaborative Interior Design Canvas & Client OS (Core Contributor) — notebook.owsiusa.com

Next.js 16, React 19, TypeScript, Tailwind CSS 4, Zustand, TanStack Query, Supabase, Yjs, AWS S3, Sentry, Playwright

- Co-developed OneNote-inspired workspace supporting free-form canvases, Standard/Full House design boards, slab worksheets, AI Visual Studio tools, and scoped client-sharing portals.
- Maintained automated browser/HTTP test suites, offline asset verification scripts, and Sentry error telemetry across real-time SSE and Yjs collaborative workflows.

EDUCATION

University of Mindanao Digos College — Bachelor of Science in Information Technology