ZAKA ULLAH WAHEED

Full-Stack Developer and QA Automation Engineer | Islamabad, Pakistan

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SUMMARY

Frontend and full-stack developer who designs, builds and ships web platforms end to end: React frontends, backend APIs, database integration and production deployment. Brings a QA mindset to everything built, with reliability baked in from the start. Currently deepening Next.js, AI-assisted development and n8n workflow automation. Open to remote work.

EXPERIENCE

QA Automation Intern, Zong 5G **2026**

- Built a website health scanner (Python, Flask, Playwright) that runs eight checks per scan: visual regression against an approved baseline, broken links, console errors, load time, SEO basics, six security headers, mobile layout and accessibility (axe-core).
- Packaged it as a Docker image and connected it to an n8n form, so non-developers can trigger a scan and receive an emailed report.
- Documented the tool with a slide deck and a product document.

Frontend Developer Intern, Apexify Technologies **2025**

- Built production-ready React interfaces.
- Deepened Next.js for production-scale work and sharpened full-stack integration skills.

PROJECTS

QA with Zaka | React, TypeScript, Vite, Supabase, Stripe qa-with-zaka-4pc9.vercel.app

- QA automation learning platform with 4 courses (24 modules, 80 lessons), a student dashboard with progress tracking and an admin dashboard.
- Stripe Checkout and webhooks through Supabase Edge Functions; paywall enforced in the database, with signed, expiring video links.
- AI assistant for students; lint, tests and build run on every push with GitHub Actions.

MomCare AI | Python, FastAPI, scikit-learn github.com/zaka337/momcare-ai-backend

- Trained a Random Forest classifier on 17 health, lifestyle and background features to predict maternal health risk as low, mid or high.
- Served it through a validated FastAPI endpoint that returns a confidence score for each class.

BazaarBox | Flutter, Dart, Firebase, Riverpod github.com/zaka337/ECOMMERCE-PLATFORM

- Cross-platform e-commerce app: product browsing, cart, checkout and order confirmation, with Firebase and Google sign-in.
- Store registration and a seller dashboard in the same app.

GlamourHub | Vite, Netlify glamourhubpk.netlify.app

- Premium e-commerce storefront for the Pakistani market with makeup, dressing and jewelry collections, a cart and an account entry point.

This portfolio | Next.js, React, Three.js, TypeScript zaka-portfolio-two.vercel.app

- Rigged 3D avatar in WebGL, scroll-driven pages, a case study for every project, structured data and a sitemap.

SKILLS

Frontend	React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3, Three.js
Mobile	Flutter, Dart
Backend and data	Python (FastAPI, Flask), REST APIs, Supabase, Firebase, MongoDB, SQL
QA and testing	Playwright, Selenium WebDriver, Postman and Newman, Apache JMeter, Vitest, GitHub Actions
Automation and AI	n8n workflows, AI-assisted development, scikit-learn
Tools	Git and GitHub, Docker, Vercel, Netlify

EDUCATION

BS Information Technology, Air University **Started 2023**